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W. W. TRACY, Jr. 92

LIBRARY,
Department of Agriculture,
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VICK'S MIKADO.
PAGE 42

Vick's Garden and Floral Guide.

VICK'S BRANCHING ROSE.
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VICK'S VIOLET KING.
PAGE 40

1906 ASTERS.

James Vick's Sons.
Rochester, N.Y.

Copyright 1906, James Vick's Sons, Rochester, N.Y.

SUGGESTIONS TO ALL WHO BUY

Revised, Read Carefully

HOW TO SEND MONEY.

ALL MONEY MAY BE SENT AT OUR RISK AND EXPENSE, if forwarded according to directions, in either manner here stated.

When remittances are not made according to the following directions, we disclaim all responsibility:

FOUR SAFE WAYS.

Post Office Money Order.—If your Post Office is a Money Order Office, send a money order, which will cost as follows: Sums not exceeding $2.50, 3 cents; over $2.50 and not exceeding $5.00, 5 cents; over $5.00 and not exceeding $10.00, 8 cents.

This is the best way, and we advise our friends, when possible, to send a money order.

Express Money Order.—EXPRESS MONEY ORDERS, to be obtained at all offices of the American, United States, Adams, Pacific, National, Wells, Fargo & Co., and other Express Companies.

Draft on New York.—A DRAFT ON NEW YORK can be obtained at any Bank, and this is sure to come safely.

Registered Letter.—When money *cannot be sent by either of the first three methods*, it may be sent in a Registered Letter. The cost of registering is 8 cents.

☞The Expense of forwarding money in either of the above ways we will pay, and the cost may be deducted from the amount forwarded.☜

Add 15 cents to individual checks to cover cost of collection.

SUMS LESS THAN FIFTY CENTS may be forwarded by mail at our risk without registering, provided stamps are used. There is no safety in sending silver.

All Seeds, Bulbs and Plants Free of Postage.—We will send Seeds, Bulbs, and Plants, by mail, to any part of the United States and Foreign Countries named below at the prices named in this Catalogue, Postage Paid. The only exceptions to this rule are when heavy and bulky articles are ordered by the peck or bushel, *or in cases especially noted;* otherwise, every package will be *paid through to destination.* As a general rule we send Plants and Seeds in separate packages.

Foreign Countries.—On packages for Bahamas, Barbadoes, Colombia, Costa Rica, Danish West Indies, Hawaii, British Honduras, Honduras, Jamaica, Leeward Islands, Mexico, Salvador, British Guiana, Newfoundland, Cuba, Porto Rico, Windward Islands, and Philippine Islands, postage will be prepaid.

Our Customers in Canada.—*We do not pay duties*, but pay the postage on Seeds, Bulbs, and Plants, purchased at retail catalogue prices, excepting when the price is given delivered at the Express or Railroad office here, such as Potatoes, and other heavy goods.

Free by Express.—All orders weighing two pounds or over will be forwarded by Express, if possible. Our customers will oblige us very much by giving their *nearest express office* and the name of the Company delivering goods. Heavy orders can be forwarded by Stage from the Express office. So please be particular and send special directions when on a Stage route. All stage charges will be prepaid when it is possible to do so. **This applies to Seeds and Bulbs at Catalogue rates, and not on heavy seeds by the peck or bushel, or when especially noted, nor to miscellaneous articles.**

Special Notice to Our Customers. Express Companies have a special rate on seeds, which reads as follows: "Between points where the merchandise rates are 50 cents or more per 100 pounds, and no general special is in force, 20 per cent. less than merchandise pound rates." *It does not refer to Graduate Rates.* For instance, if the merchandise rate is $2.00 per 100 pounds, the seed rate is $1.60, and a package weighing 40 pounds will go for 64 cents. Refer your Express Agent to page 9 in the Circular of Instruction dated July 1, 1903. Do not let your Express Agent overcharge you.

Cash with Order.—Filling thousands of orders each week during the rush of business from January 1st to June 1st, makes it *necessary that each order be accompanied with the cash.*

Persons often order small packages sent C. O. D., and the express charges sometimes amount to more than the order, and then they refuse to take them. This is not our fault, of course, but it makes us expense for express both ways, and sometimes loss of the plants; therefore *we have adopted the rule to send no goods C. O. D. (collect on delivery).* **This rule is imperative.** We are responsible, and guarantee safe arrival. So be sure and send money with the order.

The Safe Arrival of Packages Guaranteed.—We guarantee the safe arrival of packages of Seeds, Bulbs and Plants in good condition in the United States and Canada. If a package fails to reach a customer we will send again as soon as informed of the fact; or if any part is injured or lost we will replace it. We do not consider ourselves held by this guarantee unless complaints are made within *ten days* after receipt of plants. Sometimes it happens that orders never reach us, and many orders, with cash, reach us without post office or state. Please be particular and save yourselves and us annoyance. When customers fail to receive their Seeds, Bulbs or Plants in a reasonable time they should inform us, and at the same time send a copy of their order, stating the amount of money, and in what manner it was sent.

Whenever writing in reference to a previous order, *be sure* and *mention the post office* to which the goods were to be shipped, and the *post office* from which the order was mailed, *and sign the same name as in the first order.*

Shipping Plants.—All orders for plants will be held until about April 1st, when we begin shipping to the warmer states, and northward as fast as the weather will permit, unless otherwise requested. **If wanted for winter flowering or immediate use, state the fact,** and they will be shipped accordingly, though in case of severe cold storms we may hold for a few days.

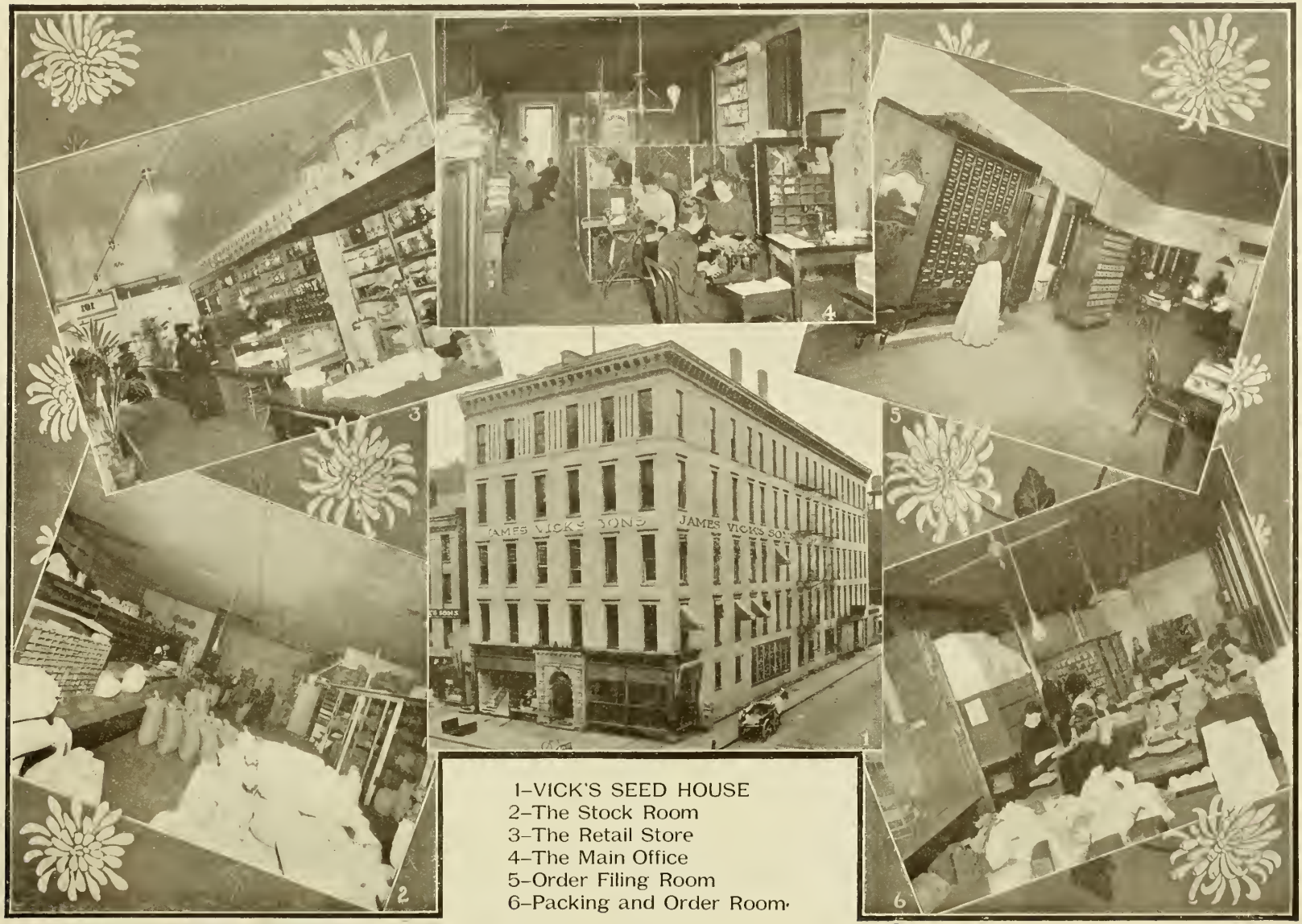
Quality of Plants.—Our long experience in growing and mailing plants has taught us that it pays to ship strong, healthy plants, and as we guarantee their arrival in good condition, customers may rest assured they will receive the best plants to be had.

Correction of Errors.—We take the utmost care in filling orders, always striving to do a *little more* for our friends and patrons than justice and fair dealing require. In case an error is made, we desire to be informed of the fact, and promise to make such corrections as will be perfectly satisfactory.

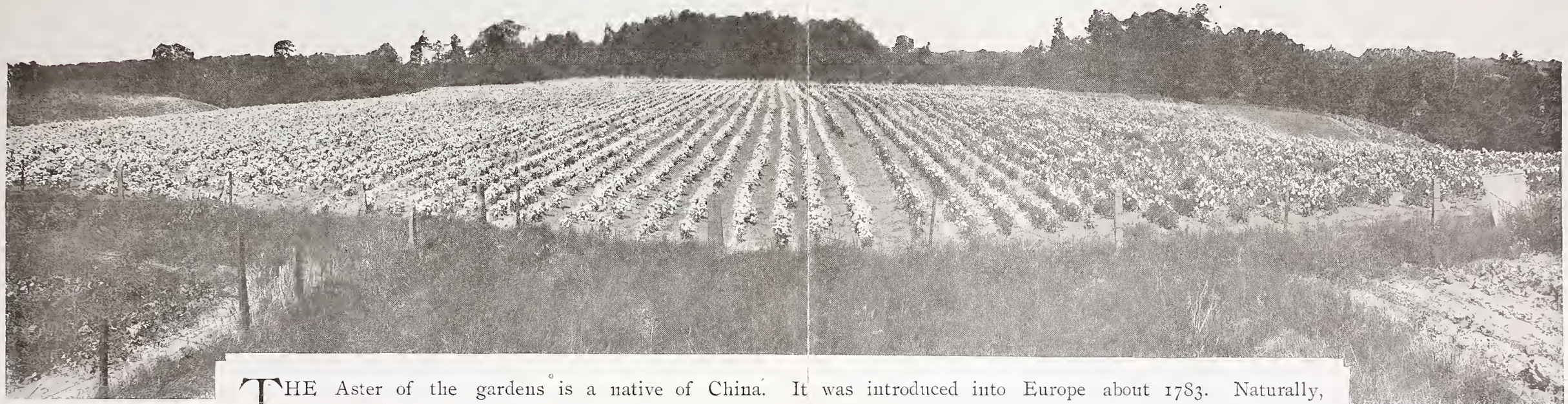
Order Sheets.—Please use the "Plant Order Sheet" for Plants, and the "Seed Order Sheet" for Seeds and other articles, and it will prevent considerable delay in filling orders. Have questions and letters separate from order, and *always sign name and post office* in same manner on every order and letter.

In writing out order, as far as possible follow same order as in Floral Guide, viz: Vegetable Seeds, Flower Seeds, Plants, etc., each alphabetically. *By doing so it will save time in filling order.*

Novelties.—While we do not advertise all the new Flowers and vegetables listed in catalogues of other Seed Houses, generally we have seeds in stock and can fill orders for same.



1–VICK'S SEED HOUSE
2–The Stock Room
3–The Retail Store
4–The Main Office
5–Order Filing Room
6–Packing and Order Room.



THE Aster of the gardens is a native of China. It was introduced into Europe about 1783. Naturally, considerable improvement was made by European florists in the color, size and shape of the flower, but nothing as compared to that from 1892 to the present time. During the last decade we have probably done more to popularize this favorite flower, than any one grower in the world. At the time of the introduction of the white Comet type in France, in 1892, we were working on an entirely new form of plant and flower, and in 1893 had the extreme pleasure of giving to the world the best Aster ever introduced, Vick's Branching White. This was the beginning of the Aster's popularity, and in the past ten years it has changed from an ordinary garden flower to the florists' and amateurs' favorite and vies with the Chrysanthemum in size and beauty. Hundreds of acres are devoted to Aster culture for the cut flower trade, Rochester and vicinity being the center. More flowers are grown here than in any other section, many of the farmers devoting from one to five acres for the New York market.

The above is a reproduction of a photograph of one of the large fields on our seed farm at Despatch, N. Y., comprising *Vick's Daybreak* on the left and *Vick's Branching* on the right. We devote from thirty to fifty acres to the growing and perfecting of the leading varieties of Asters. Since the introduction of the White Branching in 1893, six colors have been added and are now being grown by nearly every florist in the United States. In 1897 *Vick's Daybreak* was introduced; *Vick's Purity* in 1899, both now standard varieties; *Vick's Mikado* in 1905, the finest and largest of the Comet form, and this year, 1906, the beautiful and distinct *Vick's Violet King*. Next year we expect to introduce several new sorts of the Branching and Daybreak type, on which we have spent several years before bringing them to perfection. To supply the demand for Vick Quality Aster seed, it is necessary to grow a large acreage and this year our seed crop of Vick's Branching alone amounts to over 350 pounds. Every precaution is used to keep the different varieties pure, true to name and of the highest germination, the seed being taken from only specimen flowers, all inferior plants being carefully removed.

For description and prices see pages 40, 41, 42. When ordering do not fail to include *Vick's Violet King* and *Vick's Mikado*, each 25 cents per packet. You will not regret it.

Vick Quality Aster Collection

To introduce "Vick Quality" Aster seed, we are offering

Seven of the most handsome and distinct varieties,

including several 1906 novelties, all of them our own introduction,

Postpaid for $1.00.

The regular retail price of these seven varieties is $1.35; they are the regular size packets, contain a liberal quantity of seed, and will furnish a bountiful supply of flowers until the plants are killed by frost.

Vick's Asters at the New York State Fair

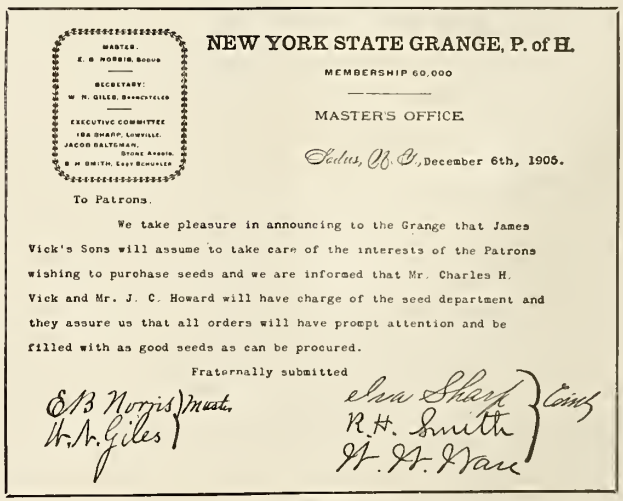
THE above photograph was taken by Prof. W. G. Johnson, and is reproduced by courtesy of the *American Agriculturist*. It represents a partial view of our Aster Exhibit at the New York State Fair, held at Syracuse, September 9, 1905. The following is an extract from an article published in the *Florists' Exchange* of October 7, 1905, (one of the leading florists' papers).

"One of the principal attractions of the State Fair was the show of Asters exhibited by James Vick's Sons, staged in pyramidal form, including seven distinct shades, and proved one of the best drawing cards in the Horticultural Building. The top of the pyramid was Vick's Violet King, followed by several rows of Vick's Branching, and the outer edge of Daybreak and Purity."

For a full description and prices of these popular Asters, see pages 40, 41 and 42, of this catalogue. Your attention is also called to "Vick Quality Collection" of Asters—Seven of the best varieties, all of them our own introduction, for $1.00.

The Grange Store

OWING to the increase in our farm and Grange business we have decided to make this line a special feature and are pleased to announce that Mr. J. C. Howard, Master of Monroe County Pomona Grange, will have general supervision of this department and personally see to the filling and shipping of all farm and Grange orders. Mail Orders will receive prompt and careful attention, and we shall be pleased to meet our friends who reside in the vicinity of Rochester, and elsewhere, at our store and seed warehouse, 191 Main Street East. (See accompanying Letter.)



MASTER.
E. B. NORRIS, SODUS
SECRETARY:
W. N. GILES, BRANCHTELED
EXECUTIVE COMMITTEE
IRA SHARP, LOWVILLE.
JACOB BALTSMAN, STONE ARBOR.
R. H. SMITH, EAST SCHUYLER

NEW YORK STATE GRANGE, P. of H.

MEMBERSHIP 60,000

MASTER'S OFFICE.

Sodus, N. Y., December 6th, 1905.

To Patrons.

We take pleasure in announcing to the Grange that James Vick's Sons will assume to take care of the interests of the Patrons wishing to purchase seeds and we are informed that Mr. Charles H. Vick and Mr. J. C. Howard will have charge of the seed department and they assure us that all orders will have prompt attention and be filled with as good seeds as can be procured.

Fraternally submitted

E. B. Norris } Mast.
W. N. Giles }

Ira Sharp } Exec.
R. H. Smith }
W. H. Ware }

Vick's Garden and Floral Guide for 1906

VICK'S SEED HOUSE

ON another page we show a view of one of the fields on our farm at Despatch, just outside of Rochester, which is devoted exclusively to growing Vick Quality Seeds. It has occurred to us that some views of our building, offices, retail store and seedrooms would be interesting to thousands of patrons who, on account of distance, are for the present at least, unable to make us a personal visit and see the workings of the business. Consequently we are devoting the page to as many views as possible. Any one who has tried to photograph interiors will understand how difficult it is to convey any adequate conception of the size or contents of the various rooms, much less to give a correct idea of the amount of work we accomplish in the busy season.

The work of opening, registering and filling over a thousand orders each day requires a large force of skilled employes, to each of whom is allotted some particular duty, and whose place it is to accomplish this work without confusion or delay. Each day there are hundreds of letter to be answered; mail, express and freight shipments must be looked after, besides all the other details too numerous to mention. To accomplish all these duties promptly and accurately requires experienced foremen, and trained employes, working harmoniously under our own personal supervision.

If these views make our customers better acquainted with us and our methods of doing business, we shall be well pleased, because we are sure that better acquaintanceship will deepen into that greater confidence which we have continually fostered through more than a half century of square business methods in the production and distribution of Vick Quality Seed.

Storage for One Hundred Cars of Potatoes and Cabbage Potato Weights Guaranteed Within 2 per cent. Cabbage 5 per cent. Danish and Holland Cabbage TERMS Sight Draft, B. L. Attached

W. L. STONE.

Buyer and Shipper of

ALL KINDS OF FRUITS AND FARM PRODUCE.

CAR LOTS A SPECIALTY

Casnovia, Michigan, November 13th, 1905.

James Vick's Sons,

Rochester, N.Y.

Dear Sirs:-

Please quote me price on 100 pounds Vick's Improved Danish Ballhead Cabbage Seed. I can use nothing but the best. I had 50 pounds of your Danish Ballhead Cabbage Seed last year and found it to be entirely satisfactory.

Awaiting your reply, I remain,

Yours respectfully,

Dict. W.L.S. W. L. Stone

Storage for One Hundred Cars of Potatoes and Cabbage Potato Weights Guaranteed Within 2 per cent. Cabbage 5 per cent. Danish and Holland Cabbage TERMS: Sight Draft, B. L. Attached

W. L. STONE.

Buyer and Shipper of

ALL KINDS OF FRUITS AND FARM PRODUCE.

CAR LOTS A SPECIALTY.

Casnovia, Michigan, November 23d, 1905.

James Vick's Sons,

Rochester, N.Y.

Gentlemen:-

In reply to your letter of the 15th inst. will say that you may book my order for 100 pounds of your Danish Ballhead Cabbage Seed; also send me 2 pounds of your Red Cabbage Seed of the best strain.

Yours truly,

Dict. W.L.S. W. L. Stone

VICK QUALITY SEED

HERE and there throughout this catalogue we print a few of the testimonials we are constantly receiving from satisfied customers all over the world. On this page we reproduce one of the strongest testimonials that any one can give. When a grower, who has used our seeds, wants to plant them again, because he can use nothing but the best, it shows that our seeds are unsurpassed; and when an experienced grower and dealer like Mr. Stone, who knows the difference between cabbages and the *best* cabbages, orders twice as much this fall as he did a year ago, it speaks louder than words of the confidence that he places in Vick Quality. One satisfied customer is worth more to us than a whole page of advertising in some periodical. We keep this in mind in filling every order because we are quite sure that by filling it in a satisfactory way we can safely look forward to future orders from the same customer.

We have hundreds of other testimonials which we should like to print if space would permit. Here is one we have just received in this morning's mail from Acopulco, Mexico, dated December 4th, 1905:

"Be kind enough to accept my thanks for the seed Wheat sent by Parcels Post. It came in good time and perfect condition. Thanking you, I am,
Yours very sincerely."

We desire to express our appreciation to our many patrons who are constantly expressing their approval of our promptness and accuracy in filling orders as well as for the superior stocks which they receive from us. We believe the best way to repay them for all these expressions of appreciation is by continuing to furnish the best and nothing but the best seeds and thus keep Vick Quality unsurpassed.

Vick Quality

Vick's "Uncle Joe" Strawberry

LEADS THEM ALL IN

QUALITY AND PRODUCTIVENESS

SIZE AND LENGTH OF SEASON

See page 82

Vick Quality

SALPIGLOSSIS

The richness and the exquisite mingling of colors in the veining, have placed Salpiglossis in a realm of its own. In past years, many new colors have been introduced, and now the flowers are more varied and beautiful than ever. The plant attains a height of from twenty-four to thirty inches, and blooms the first year from seed. The flowers are produced all summer, and for cutting purposes cannot be equalled.

Vick's Extra Choice Mixed, (Domestic), per packet, 10 cts.
Mixed colors, (Imported), per packet, 5 cents.

Vick's Special Dahlia Offer

EACH YEAR WE GROW A HUNDRED THOUSAND OF OUR CHOICEST VARIETIES OF DAHLIAS TO ENABLE US TO MAKE YOU THIS LIBERAL OFFER

Vick's Selection of Named Dahlias:

Twelve of Our Regular $1.50 Per Dozen Dahlias for $1.00; Six for 60 Cents; Three for 35 Cents, Postpaid.

Avail Yourself of Dahlias at Wholesale Prices

You allow us to select them; that is all. And only to prevent a run on one or two varieties in advance of others, do we reserve the privilege. Keeps our stock of scarcer varieties uniform, you see; but it only reverts to your particular benefit.

So for $1.00 we send you postpaid twelve (12) named sorts, six (6) for 60 cents; three (3) for 35 cents. You get the same $1.50 per dozen quality, too, but at one-third off, and will enjoy all the glory of these grand autumn flowers in a quality that only VICK knows how to produce. See page 81.

Vick Quality for Twenty-Five Years

For twenty-five consecutive years Mr. J. C. Howard, one of the leading market gardeners of Rochester, has exhibited at the New York State Fair vegetables grown from Vick's Seeds. In this time he has received in awards, seventeen first prizes for largest and best collection of vegetables, besides the hundreds of prizes for single specimens. This year he received twenty-six first prizes, including best collection of Cabbage; best display of Muskmelon; best display of Celery; collections of Cauliflower, Tomatoes, Beets, Carrots, etc. This is testimony sufficient to show that "Vick Quality" is thoroughly established and is a guarantee of purity and productiveness. Our business was built on this basis and after many years of arduous labor we have succeeded in making "Vick Quality" stand for the very best in our line and are determined to keep up the standard.

EXHIBIT OF VEGETABLES AT THE NEW YORK STATE FAIR

NOVELTIES AND SPECIALTIES

IT has been our custom for many years to devote the first eight pages of our catalogue to illustrating and describing Novelties and Specialties the same varieties and descriptions also appearing in the body, thus using much unnecessary and valuable space. To obviate this, we have placed the Novelties and Specialties in their regular order, and for the convenience of our friends, who are interested in new varieties worthy of introduction, also in standard sorts, which we consider extra good, we give the following list:

Aster, Vick's Violet King. The leading Aster Novelty of the year. Equals the choicest Chrysanthemum. **Packet, 25 cents.** See page 40.

Aster, Vick's Mikado. An entirely new class of the branching sort. Bears immense flowers. **Packet, 25 cents.** See page 42.

Kochia Scoparia. A most attractive annual, resembling a sheared evergreen, and assuming a crimson tint in fall. **Packet, 10 cents.** See page 50.

Pansy, Vick's Superb. The choicest mixture, blended from the best named sorts. **Packet, 50 cents.** See page 54.

Salvia, Alfred Raguenau. Fine, very early, extremely dwarf, and a continuous bloomer. **Packet, 10 cents.** See page 59.

Sweet Peas and Cultural directions. Our stocks have been grown especially for our own trade. See pages 60 and 61.

Lilium Philippense. New hardy white Lily. Imported from the Philippine Islands. Most fragrant. **Each, 50 cents.** See page 68.

Dahlias. The largest and choicest collections. Grown on our own farm. See pages 80 and 81.

Gladiolus. We have the best stock in America of both named and mixed. See page 79.

Rose, Baby Rambler. A dwarf type of the favorite Crimson Rambler. Well adapted for pot or garden culture. **Each, 25 cents.** See page 72.

Rose, Killarney. Perfectly hardy, beautiful pink color. Succeeds as well under glass as outside. **Each, 60 cents.** See page 72.

Rose, Frau Karl Druschki. A new variety, perfectly hardy, pure white. A valuable acquisition. **Each, 50 cents.** See page 72.

Strawberry, Vick's Uncle Joe. Most luscious and bountiful producer, excellent flavor, handsome foliage and continuous bearer. **Each, 15 cents; dozen, 75 cents.** See page 82.

Cabbage, Vick's Short-stemmed Early Danish Ballhead. Hard, solid heads and a fine keeper. We have the genuine stock. **Packet, 5 cents.** See page 13.

Cauliflower, Vick's Danish Giant. For sure heading, size, solidity and flavor, this is the grower's ideal. **Packet, 25 cents.** See page 13.

Melon, Irondequoit. One of our leaders—rich, rare and spicy flavor. An enormous bearer. **Packet, 10 cents.** See page 22.

Pea, Thomas Laxton. An excellent variety. Early, delicious and sweet, and a good cropper. **Packet, 10 cents; ½ pint, 20 cents.** See page 26.

Potato, Vicktor. Early, and a mealy cooker. Strong grower and free from disease. The best potato. See page 28.

Squash, Delicious. No other sort compares with this for sweetness and extraordinary richness of flavor. **Packet, 5 cents; ounce, 10 cents.** See page 33.

DAN'L A. SMITH, Postmaster.

UNITED STATES POST OFFICE

Alfred Station, N. Y.
(Allegany County.)

Sept ....., 1905

James Vick's Sons
Rochester N.Y.

Dear Sirs:

I have never known failure when using Vicks seeds. For the past five years my gardens – especially Astors – have been admired and praised by all seeing them and I think my success largely due to purchase of your seeds as I find them ready to grow, true to name."

Very respectfully,

D. A. Smith P. M.

Oats, Washington. A new, early white variety. Long straw, hardy and vigorous in growth; large grain. See page 85.

ENRICHING THE SOIL WITH NITRO-CULTURE

Nitro-Culture consists of nitrogen-collecting bacteria, which work in the soil and on the roots of leguminous plants, having the power to assimilate free nitrogen from the air and supply it to the plants. All plants require nitrogen, which is expensive when obtained through commercial fertilizers. A wonderful increase in yield is readily apparent if the seeds have been treated with Nitro-Culture. The application is simple and expense small. It is put up in small packages, should be soaked in water and sprinkled over the seeds before sowing. The germs do the work, you get the profit and the soil is enriched even after the crops have been harvested. Full directions accompany each package, and we are positive the results from its use will prove more than satisfactory. When ordering please state what particular crop you wish to inoculate. We furnish an interesting pamphlet concerning Nitro-Culture, which we mail free on request.

Trial package, 50 cents; quantity sufficient to treat seed for one acre, $1.50, sufficient for five acres, $5.00.
Mail charges prepaid.

OUR PREMIUM OFFERS

On all orders of $1.00 or over for anything in this Guide, except Grass Seeds, Clover Seeds, Miscellaneous Farm Seeds, or Potatoes, we will allow the purchaser to select premiums from the following classified list.

Our customers will notice that as this offer includes Bulk Seeds, Plants, and Bulbs, it is the most liberal one ever made.

It makes no difference to us whether the premium selected is *one* large one or several small ones. For instance, on a ten-dollar order one premium can be selected from Class G or ten from Class A.

PREMIUMS TO NEW AND OLD CUSTOMERS

For the convenience of our friends who wish to devote a little time to getting new customers for us we make the following offer: After you have sent us your own order, so that your name can be entered on our books as a customer this year, call on your friends with this catalogue, take *their orders* for whatever *they* may need in the way of seeds, plants, bulbs, or implements. Tear out one of the coupons on the bottom of opposite page fill it out with *your* name and address, mail it to us with your friend's order, and at the same time tell us what premium you would like; or if you prefer, we will credit you with the amount of the order and you may select your premium later. If he prefers to send in his own order, and wants a catalogue, tell him to drop us a postal, and we will send him one. Be sure to leave a coupon, however, for him to pin on his order when he sends it; and then call on your other neighbors, taking orders or leaving coupons till they are all used up. If you need more, drop us a postal, and we will mail them to you. As your neighbors' orders with coupons attached reach us we will mail you a postal informing you who have sent them and how much they amount to. This will enable you to follow up the others and see that they are all sent in. You can select your premiums as fast as we send notices, or wait and make your selection after all your coupons are in; and in selecting you can take one large premium to cover the total amount of orders to your credit, or divide the amount among a number of smaller premiums, just as you prefer.

NEW CUSTOMERS ARE ALSO ENTITLED TO PREMIUMS FROM THIS LIST

Class A—For orders between $1.00 and $1.50 we will give any one of the following:

1—Twenty cents in Seeds in packets, your selection.
2—One year's subscription to the *Farm Journal*, the most popular Agricultural Paper in the country.
3—One Ponderosa Lemon (see page 77).
4—One Otaheite Orange (see page 76).
5—One Hydrangea, Jeanne d'Arc (see page 75).
6—One Carnation, Enchantresse (see page 74).
7—One Perennial Phlox, Sensation (see page 66).
8—One Double Dahlia, our selection.
9—One Canna, David Harum (see page 75).
10—One Rose, Climbing Soupert (see page 72).
11—One Chrysanthemum, Wm. Duckham (see page 76).
12—One Package Walker's Floral Fertilizer, small size (see page 86).
13—One cake Sulpho-Tobacco Soap, small size (see page 86).
14—One Lang's Hand-Weeder (see page 87).

Class B—For orders between $1.50 and $2.00 we will give any one of the following:

15—Thirty cents in Seeds in packets, your selection.
16—One Philadelphia Rambler Rose (see page 72).
17—Two Double Dahlias, our selection.
18—One Rose, Dorothy Perkins (see page 72).
19—One New Dwarf Boston Fern, Nephrolepsis Scotti (see page 76).
20—One Folding Pruning Knife, No. 801 (see page 88).
21—One Package Walker's Floral Fertilizer, large size (see page 86).
22—One pound Vick's Excelsior Insect Exterminator, (see page 86).
23—One package Sulpho-Tobacco Soap, large size (see page 86).

Class C—For orders between $2.00 and $3.00 we will give any one of the following:

24—Forty cents in Seeds in packets, your selection.
25—One Perfection Currant (see page 83).
26—Collection of plants as follows:
One Anemone, Queen Charlotte (see page 65).
One Clematis Paniculata (see page 70).
One Shasta Daisy, plant (see page 66).
27—Stokesia Cyanea (see page 67).
28—Five Tea Roses, assorted colors. Our selection.
29—One Rose, Magna Charta, 2-year plant (see page 71).
30—Collection of plants as follows:
One Canna, Mlle. Berat (see page 75).
One Pink Tea Rose.
One Carnation, Red Jacket; brilliant scarlet.
One Geranium, Madame Jaulin (see page 77).
One Fern, Boston (see page 76).
31—Collection of plants as follows:
One Physostegia Virginica.
One Hardy Pink, Comet (see page 66).
One Hall's Honeysuckle (see page 70).
One Hardy Aster.
One Eulalia Japonica variegata (see page 65).
32—One Rose, François Levet, 2-year plant (see page 71).
33—Three Double Dahlias, our selection.

Class D—For orders between $3.00 and $4.00 we will give any one of the following:

34—Sixty cents in seeds in packets, your selection.
35—The Horticulturist's Rule Book (see page 37).
36—Collection of Hardy Plants.
One Anemone, Queen Charlotte (see page 65).
One Tritoma Pfitzerii (see page 67).
One Achillea, "The Pearl," (see page 65).
One Stokesia cyanea (see page 67).
One Euphorbia corollata (see page 65).
One Gypsophila paniculata. (Baby's Breath). Small white flowers (see page 65).
One Lychnis Chalcedonica; scarlet (see page 65).
37—One pair Ladies' Pruning Shears, nickel-plated (see page 87).
38—One two-bladed Budding Knife, No. 690 (see page 8).
39—Collection of Hardy Plants.
One Anemone, Coup d'Argent (see page 65).
One Hibiscus, Large-flowering, (see page 65).
One Hibiscus, Crimson Eye (see page 65).
One German Iris (see page 66).
One Yellow Day Lily (see page 68).
One Spiræa palmata elegans. Sweet-scented; white.
One Rudbeckia, Golden Glow (see page 65).
One Perennial Phlox (see page 66).
One Delphinium Chinense.
One Double Hollyhock (see page 66).

40—The new dwarf Boston Fern, Nephrolepis Scotti. (See page 76.)
41—Collection of Hardy Plants.
One Clematis Jackmanni (see page 70).
One Clematis paniculata (see page 70).
One Spiræa, Anthony Waterer (see page 69).
One Deutzia Lemoinei.
One Hydrangea paniculata grandiflora (see page 69).
One Wistaria (see page 70).
42—Collection of Tender Plants.
One Abutilon, Souvenir de Bonn. Variegated foliage; large bronze-red flowers.
One Asparagus Sprengeri (see page 74).
One Fuchsia, Silver King.
One Canna, Alemannia, orchid-flowered (see page 75).
One Boston Fern (see page 76).
One Lantana Marcella, pink and yellow.
One Calceolaria, Creole Queen.
One Tea Rose, our selection.

Class E—For orders between $4.00 and $5.00 we will give any one of the following:

43—Eighty cents in seeds in packets, your selection.
44—The Amateur's Practical Garden Book (see page 37).
45—The Forcing Book (see page 37).
46—Garden Making (see page 37).
47—One dozen plants new Silver Ribbon Grass (see page 66).
48—How to Plan the Home Grounds (see page 39).
49—One new **Dwarf Crimson Rambler Rose,** (see page 72).
50—Six double Dahlias, our selection.
51 Five years' subscription to *The Farm Journal.*

Class F—For orders between $5.00 and $7.00 we will give any one of the following:

52—One dollar in seeds in packets, your selection.
53—Greenhouse Construction (see page 37).
54—Greenhouse Management (see page 37).
55—Insects and Insecticides (see page 37).
56—American Carnation Culture (see page 37).
57—Piersoni Fern; extra large (see page 76).
58—Genuine Wiss Pruning Shears, 10-inch (see page 87).

Class G—For orders between $7.00 and $10.00 we will give any one of the following:

59—One dollar and forty cents in seeds in packets, your selection.
60—Six plants Perfection Currant (see page 83).
61—Any two of the dollar collections of Small Fruits described on page 83.

Class H—For orders of $10.00 or over we will give:

62—Two dollars in seeds in packets, your selection.
63—*Country Life in America and Country Calender.* A monthly magazine devoted to Country Life exclusively. In our opinion it is the finest publication of the kind ever offered, and should be in every home. It is more than a magazine; it is a work of art. Printed on extra heavy paper and fully illustrated with halftone reproductions from photographs. Size of pages 10 x 14 inches. Sample copy by mail on receipt of 30 cents in stamps. Subscription price $4.00 per year.

Write new customer's name and address here

Name.....

Post Office..... *State*.....

County.....*Street*.....*P. O. Box*.....

Write your own name and address here

Name.....

Post Office..... *State*.....

County.....*Street*.....*P. O. Box*.....

$300.00 in Cash Prizes to Old Customers

Our offer of Premiums to both old and new customers, and also to all those who secure new customers for us, we consider very liberal, but in appreciation of the patronage of our old customers we make the following Grand Cash Prize offer:

$300 in Cash Prizes to be distributed among those whose orders this year show the greatest rate of increase over their orders of the last season in which they traded with us.

One Cash Prize of $25 to the customer having the greatest rate of increase.

Ten Cash Prizes of $10 Each to the next ten customers having the next largest rate of increase.

Fifteen Cash Prizes of $5 Each to the next fifteen customers having the next largest rate of increase.

Twenty-five Cash Prizes of $2 Each to the next twenty-five customers having the next largest rate of increase.

Fifty Cash Prizes of $1 Each to the next fifty customers having the next largest rate of increase.

For Example—Suppose that during the last season in which you traded with us your orders amounted to $1.00, and this year they amount to $2.00, you have of course doubled your business. If they amount to $3.00 you have increased it three times. If $4.00 it is increased four times, and so on.

If you wish to know the total amount of your orders in the last season that you traded with us, send us a postal with your name and address on it and we will inform you. Be sure also to state if you intend to try for the prizes, so we may enter your name as a competitor. All our other offers are open to you as well as the above.

Awards will be made July 1, 1906, or as soon thereafter as we can decide on the winners.

As an extra inducement we will give in addition to the above premiums:

$100.00 in Cash Prizes

To the four persons whose coupons show the greatest amount of business done for us between January 1st and July 1st of this year.

First Prize, $50.00 in Cash, to the one doing the largest amount.

Second Prize, $25.00 in Cash, to the one doing the second largest amount.

Third Prize, $15.00 in Cash, to the one doing the third largest amount.

Fourth Prize, $10.00 in Cash, to the one doing the fourth largest amount.

The above four prizes will be awarded July 1st, or as soon after as we can decide on the winners.

Write new customer's name and address here

Name.....

Post Office..... *State*.....

County.....*Street*.....*P. O. Box*.....

Write your own name and address here

Name.....

Post Office..... *State*.....

County.....*Street*.....*P. O. Box*.....

SEE LIST OF PRIZE WINNERS FOR 1905 ON PAGE 6

COLLECTIONS of FLOWER AND VEGETABLE SEEDS

Flower Seeds

No. 1.

20 Varieties Choice Annuals.

$1.00.

Antirrhinum, mixed	$0.05
Aster, Vick's Branching, mixed	.10
Balsam, Camellia-flowered, mixed	.10
Calliopsis, mixed	.05
Candytuft, White Rocket	.05
Cockscomb, Dwarf varieties, mixed	.10
Convolvulus major, mixed	.05
Dianthus, best double, mixed	.05
Delphinium, Dwarf Rocket	.05
Eschscholtzia, mixed	.05
Pansy, Giant-flowering, mixed	.10
Petunia, fine mixed	.10
Phlox Drummondii, choice mixed	.10
Poppy, The Shirley	.05
Portulaca, double	.10
Sweet Alyssum	.05
Sweet Mignonette	.05
Scabiosa, mixed	.05
Sweet Pea, fine mixed	.05
Zinnia, Double, mixed	.10
Making a Total of	**$1.40**

FOR ONE DOLLAR.

Vegetable Seeds

No. 5.

23 Varieties, for Small Family Garden.

$1.00.

1 pkt. Beans, Refugee (1000 to 1)	$0 10
1 pkt. Beet, Dewing's Turnip	.05
1 pkt. Cabbage, Improved Early Summer	.05
1 pkt. Carrot, Chantenay Stump-Rooted	.05
1 pkt. Celery, White Plume	.05
1 pkt. Corn, Perry's Hyhrid	.10
1 pkt. Corn, Stowell's Evergreen	.10
1 pkt. Cucumber, White Spine	.05
1 pkt. Lettuce, Grand Rapids	.05
1 pkt. Water Melon, Prize Jumho	.05
1 pkt. Musk Melon, Cosmopolitan	.05
1 pkt. Onion, Round Yellow Danvers	.10
1 pkt. Peas, Horsford's Market Garden	.10
1 pkt. Peas, Surprise	.10
1 pkt. Parsnip, Hollow Crown	.05
1 pkt. Pepper, Sweet Mountain	.05
1 pkt. Radish, Vick's Scarlet Globe	.05
1 pkt. Spinach, Long-Standing	.05
1 pkt. Squash, Sibley, or Pike's Peak	.05
1 pkt. Squash, Mammoth Crookneck	.05
1 pkt. Salsify, Sandwich Island	.05
1 pkt. Tomato, Beauty	.05
1 oz. Turnip, Purple-Top Strap-Leaved	.05
Making a total of	**$1.45**

FOR ONE DOLLAR.

Vegetable Seeds

Trial Garden.

This Collection embraces 15 Standard Favorites of the leading family garden vegetables, put up in packets for those who have only a small plot for a vegetable garden. One packet each of the following:

50 Cents.

1 pkt. Beans, Refugee (1000 to 1)	$0.10
1 pkt. Beet, Early Eclipse	.05
1 pkt. Cabbage, 20th Century	.10
1 pkt. Carrot, Danvers Orange	.05
1 pkt. Cucumber, Improved Long Green	.05
1 pkt. Lettuce, Imperial White Cabhage	.05
1 pkt. Musk Melon, Vick's Irondequoit	.10
1 pkt. Onion, Australian Brown	.05
1 pkt. Parsnip, Long Hollow Crown	.05
1 pkt. Peas, Vick's Abundance	.10
1 pkt. Radish, Vick's Early Scarlet Globe	.05
1 pkt. Salsify, Mammoth Sandwich Island	.05
1 pkt. Squash, Mammoth Bush Summer Crookneck	.05
1 pkt. Tomato, Earliana	.10
1 pkt. Water Melon, Sweet Heart	.05
Making a total of	**$1.00**

FOR FIFTY CENTS.

Number of Plants or Trees to the Acre at Given Distances.

Dis. apart.	No. plants.	Dis. apart.	No. plants.	Dis. apart.	No. plants.	Dis. apart.	No. plants.	Dis. apart.	No. plants.	Dis. apart.	No. plants.
12 x 1 In	522,720	20 x 1 In	313,635	30 x 16 In	13,068	36 x 30 In	5,808	48 x 24 In	5,445	8 x 8 Ft.	680
12 x 3 "	174,240	20 x 20 "	15,681	30 x 20 "	10,454	36 x 36 "	4,840	48 x 30 "	4,356	10 x 1 "	4,356
12 x 12 "	43,560	24 x 1 "	261,360	30 x 24 "	8,712	42 x 12 "	12,446	48 x 36 "	3,630	10 x 6 "	726
16 x 1 "	392,040	24 x 18 "	15,520	30 x 30 "	6,970	42 x 24 "	6,223	48 x 48 "	2,723	10 x 10 "	435
18 x 1 "	348,480	24 x 24 "	10,890	36 x 3 "	58,080	42 x 36 "	4,148	60 x 36 "	2,901	12 x 1 "	3,630
18 x 3 "	116,160	30 x 1 "	209,088	36 x 12 "	14,520	42 x 42 "	3,556	60 x 48 "	2,178	12 x 5 "	736
18 x 12 "	29,040	30 x 6 "	34,848	36 x 18 "	9,680	48 x 12 "	10,890	60 x 60 "	1,743	12 x 12 "	302
18 x 18 "	19,360	30 x 12 "	17,424	36 x 24 "	7,260	48 x 18 "	7,790	8 x 1 Ft.	5,445	16 x 1 "	2,722
								8 x 3 "	1,815	16 x 16 "	170

LIST OF PRIZE WINNERS OF 1905

Prizes for Securing New Customers

1st Prize, $50.00.
Mrs. D. C. Hurlbut, Akron, O.

2nd Prize, $25.00.
Mrs. Harriet Evens, Truly, Mont.

3rd Prize, $15.00.
Mrs. William Lewis, Cameron Mills, N. Y.

4th Prize, $10.00.
Jennie C. Harris, Oxford, Ohio.

Cash Prizes for Increase in Order

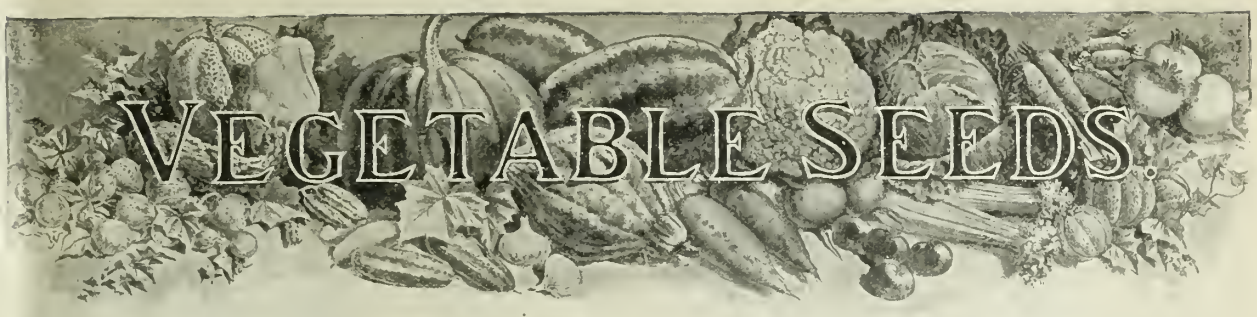
1st Prize, $25.00.
Henry F. Heber, Belleville, Ill.

2nd Prize, $10.00.
A. B. Cook, Waverly, N. Y.
Geo. W Ferree, Edgar, Neb.
Mrs. Will G. Barber, San Marcos, Texas.
T. B. Conover, Glen Ellyn, Ill.
J. R. Low, Marshall, Mo.
L. Fairhanks, Whitby, Ont.
Mrs. P. J. Stevens, Brunswick, Me.
Thomas C. Jackson, Wyoming, Ill.
Jennie T. Sweet, Oherlin, Ohio.
M. E. Beard, Morrice, Mich.

3rd Prize, $5.00.
Mrs. A. M. or L. A. Barnett, Centralia, Wash.
Mrs. C. H. Bell, Rockland, Pa.
Mrs. Daniel A. Kelly, Groveland Station, N. Y.
Mary Greely, Howe, Pa.
Mrs. Jennie C. Harris, Oxford, Ohio.
Mrs. G. Pickering, Elmira, N Y.
Mrs. S. Dimond, Franklin, N. H.
Mrs. Milo L. Allen, South Hero, Vt.
Mrs. Geo. F. Renouf, Mears, Mich.
Mrs. S. P. Croshy, Braham, Minn.
Mrs. A. P. Snodgrass, Kenton, O.
Mrs. I. F. Stull, Salix, Pa.
S. Elizabeth Cannon, Cynthiana, Ky.
Mrs. Geo. R. Betts, Chicago, Ill.
Mrs. Lydia D. Philbrook, Owls Head, Maine.

4th Prize, $2.00.
Miss Clara B. Seaman, Ithaca, N. Y.
L. M. Gallinger, Niagara Falls, N. Y.
Henry Hellmers, Clarkson, Neb.
Daniel E. Judd, Lakeside, Conn.
Mrs. Clara J. Dodd, Charlevoix, Mich.
R. C. Freeman, West Point, Ga.
C. B. Morris, Palatine, Ill.
Wm. J. Burges, Clinton, N. Y.
Mrs. Elizaheth Brownlee, Galva, Ill.
Mrs. L. R. Tucker, Middlebury, Vermont.
Curtis Arnold, Shenango, Pa.
Mrs. S. Rohinson, Abingdon, Ill.
Mrs. Etta Stanshury, Barbourville, Ky.
Ella L. Kale, Port Angeles, Wash.
Mrs. L. Tuttle, Hillsdale, Mich.
Miss Mary E. Foss, Ellensburg, Wash.
Florence Copeland, Eau Galle, Wis.
Mrs. J. S. Hepperly, Tiskilova, Ill.
Miss E. Hehbard, Bedford Pk., N. Y.
Mrs. M. H. Connor, Milanville, Pa.
Mrs. W J. Drury, Bellevue, Ohio.
Robt. W. Harris, Fresno, Cal.
E. W. Kuhn, Cleriage, Pa.

5th Prize, $1.00.
L. P. Kennedy, Ovid, N. Y.
H. C. Russel, Laconia, Ind.
J. C. Klinestives, West Hickory, Pa.
J. H. Pierce, De Kalb Jct., N. Y.
Mrs. M. A. Weldon, New Germantown, N. J.
Mrs. R. Main, Vancouver, B. C.
Hattie M. Horne, Twin Mountain, N. H.
Mrs. Olivia Meeds, Meeker, Okla.
Mrs. C. D. Dyke, East Livermore, Maine.
John R. Colvin, Clarkes Green, Pa.
H. P. Matthews, Albion, N. Y.
G. W. Cummins, Belvidere, N. J.
Ernest Noble, Millbrook, N. Y.
Ray Brown, Harmonsburg, Pa.
Mrs. A. M. Thomas, Kansas City, Mo.
Mrs. H. Way, Fergus Falls, Minn.
S. M. Gleason, Fredonia, N. Y.
Mrs. W. C. Stewart, Moundsville, W. Va.
R. A. Dowlen, Washburn, Texas.
Emma Sims, Findley, Ohio.
A. T. Snooks, Wharton, Ohio.
Amelia C. Born, Dubuque, Iowa.
Mrs. Frank Stockwell, Hanna, Wyoming.
Wm. Dunlay, Burrough, Cal.
Mrs. Agnes Yohn, Andersonburg, Pa.
S. S. Wallace, Baltimore, Md.
H. F. Johnson, Colonia Dublan, Chi., Mexico.
Mr. & Mrs. J. E. Hussey, Kingston, Minn.
Mrs. A. T. Kerstetter, Sharon Center, Ohio.
Miss Martha Jones, Lesterville, Mo.
Mrs. L. J. B. Neff, Napton, Mo.
F. W. Bunting, Aldenville, Pa.
Estella C. Mayhew, Littleton, Col.
Miss Fanny M. Libhy, Scarboro, Me.
Roland Gracey, Bay City, Mich.
Miss Margaret Hoffman, Reynoldsville, Pa.
Mary Carpenter, Millington, N. J.
M. Cora Lanfair, Shelburne Falls, Mass.
Mrs. Cora Walters, Irvine, Pa.
Dr. H. L. Hulett, Allentown, N. Y.
Amy H. Northrup, Manchester, N. H.
Mrs. M. A. Chambers, Walton, N. Y.
Mrs. W. C. Bronnson, Asheville, N. C.
Charles S. Rogers, Franklin, N. Y.
A. J Stewart, South Bend, Ind.
Mrs. Jane Deuel, Little Meadow, Pa.
Mrs. J. S. Bridger, Cooperstown, N. Y
Mrs. F. A. Norton, West Thornton, N. H.
C. Elton Cowley, Alta, N. W. T.
Mrs. J. Y. Higbie, South Kortright, N. Y.
Caroline Carr, West Newbury, Mass.



ASPARAGUS

As Asparagus seed germinates very slowly, it is advisable to pour hot water over it. When cool, pour off the water and treat it again with hot water. Sow seed quite early in spring, in a bed of light, rich, well-manured soil, in drills one foot apart and two inches deep. When the plants are well up, thin to about one inch apart. When the plants become withered, cut them down, and spread well-rotted stable manure two inches deep over the bed. Let the plants remain in the seedbed until they are about to grow early in spring. The subsoil of the permanent bed should be dry, and if not so, it must be well drained. It should be dug thoroughly at least two and a half feet deep, and mixed with plenty of well rotted manure. For private garden use set the plants in rows two feet apart, and about a foot apart in the row, with crowns four inches below the surface, and spread the roots. For field culture the rows should be six feet apart and two feet apart in the rows. Cultivate frequently and thoroughly each season as long as the size of the plants will permit. Before winter cover the transplanted beds with about four inches of manure, and fork it in the next spring, being careful not to injure the roots, A top-dressing of one pound of salt to the square yard before growth commences will prove valuable and keep down weeds. In autumn, cut the ripe tops and burn the refuse. One pound of good, fresh seed will produce plants sufficient for an acre, and ounce of seed will sow a drill fifty feet long,

By purchasing plants at least a year of time is saved. The young shoots may be cut for the table the second season. A bed 8 x 27 feet, requiring 100 plants will supply an ordinary family.

Vick's Mammoth This superior variety was introduced by us a few years ago. It has already become very popular, commanding the highest price in all markets where it is known. It is, without exception, the largest and best Asparagus grown. A bunch of twelve stalks will weigh three to four pounds. In size, color, and yield, it far surpasses any other variety, while it is less susceptible to disease. The delicacy of its color notably distinguishes it from other green varieties, while its thick stalks are unusually tender and succulent, and of delicious flavor. **Packet, 5 cents; oz., 10 cents; ¼ lb., 30 cents; lb., $1.00.**

STRONG TWO YEAR ROOTS—100, by mail, prepaid, $1.50. By express or freight, not prepaid, per 100, $1.00; per 1000, $6.00.

Palmetto. Of Southern origin, but equally adapted for North or South. Earlier than Conover's; large, productive, and of excellent quality. **Packet, 5 cents; oz., 10 cents; ¼ lb., 20 cents; lb., 60 cents.**

Conover's Colossal. The old standard variety; of large size, rapid growth, and of best quality. **Ounce, 5 cents; ¼ lb., 15 cents; lb., 50 cents.**

STRONG TWO-YEAR ROOTS—100, by mail, prepaid, $1.50. By express or freight, not prepaid, per 100, 75 cents; per 1000, $5.00.

Columbian Mammoth White. A new variety, producing white stalks of large size and finest quality. **Packet, 5 cents; oz., 10 cents; ¼ lb., 25 cents; lb., 75 cents.**

BROCCOLI

Broccoli resembles the Cauliflower. Broccoli, however, is the more hardy, and in many sections of the country would not suffer in winter. It likes a cool, moist climate, and dislikes severe summer heat more than cold. For a fall crop, sow seed early in spring, in shallow drills three or four inches apart. When about four inches high plant out two feet each way, in rich soil. For early summer use many gardeners sow the seed about September 1st and transplant into coldframes the latter part of October. Early in April the plants may be transplanted into the open ground. Cultivate same as Cauliflower. One ounce will produce 4,000 plants.

Purple Cape. One of the hardiest and most popular varieties, and the most certain to form a good head; the earliest of the purple varieties. **Packet, 10 cents; oz., 35 cents; ¼ lb., $1.00; lb., $3.50.**

White Cape. Heads medium size, compact, of a creamy white color, excellent flavor. **Packet, 10 cents; oz., 35 cents; ¼ lb., $1.00; lb., $3.50.**

ARTICHOKE

The Globe Artichoke is very little grown in America. It is cultivated for its flower heads, which are used in an undeveloped state, cooked like Asparagus. Plant seed early in spring, three inches apart, in rows one foot apart. Cover with fine earth half an inch in depth. When one year old, transplant to rows three feet apart and one foot apart in the row, in deep, rich soil. Where the winters are severe the plants must be thoroughly protected with leaves or dry litter, to keep the crowns from freezing.

Green Globe. Seed, packet, 10 cents; oz., 35 cents; lb., $3.50.

Jerusalem. See Farm Seeds.

BRUSSELS SPROUTS

Forms numbers of miniature cabbage heads, each being one or two inches in diameter, or about the size of a large walnut, on strong, erect stems, two to three feet high. In the fall break the leaves down and give the little heads room to grow, but the top of the stems should be left until after the sprouts are used. The sprouts are used as greens, and become tender and better flavored when touched by the frost. Sow seed in early spring and treat like winter Cabbage. One ounce will produce about 5,000 plants.

Improved Dwarf. **Packet, 5 cents; oz., 25 cents; lb., $2.50.**

BORECOLE or KALE

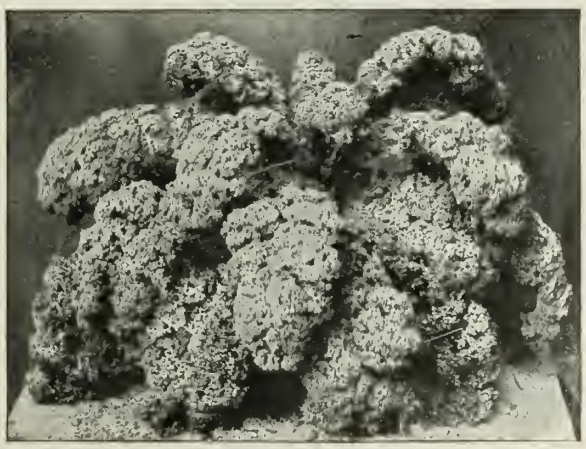
The Kales are more hardy than Cabbage, and will endure considerable frost without injury; in fact, they are best when touched with frost. When cut frozen they should be immediately placed in cold water. They do not form heads like Cabbage, but produce an abundance of handsome, curly leaves, that are very ornamental and highly prized. The Kales are the most tender and delicate of any of the Cabbage tribe, and furnish abundant food for the cottagers of Europe, and when well grown and properly prepared, are good enough for any one. Sow seed early in June, and transplant. Culture same as for Cabbage. One ounce will sow 300 feet of dril.

Packet, 5 cents; oz., 10 cents; lb., $1.00.

Dwarf Green Curled Scotch. Dwarf, beautifully curled, and bright green; hardy, and may be cut from the ground all the early part of winter.

Dwarf Purple. Like Scotch Kale except in color, but more hardy.

Tall Green Curled Scotch. Finely curled; very hardy; one of the best.



BORECOLE OR KALE

Vick Quality

GARDEN BEANS

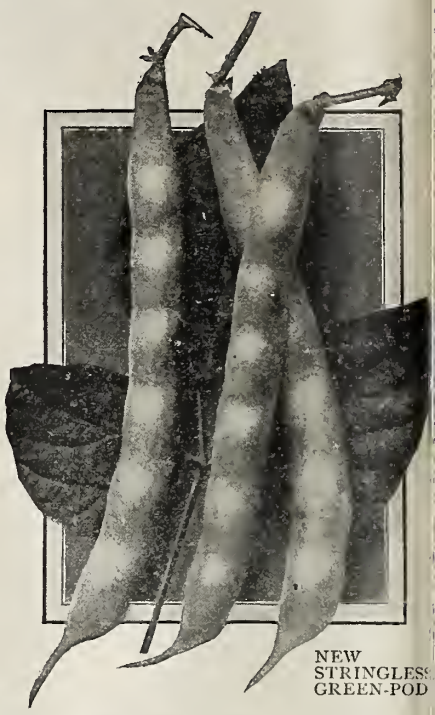
Vick Quality

BEANS like a dry and rather light soil, though they will do well in any garden soil, if not planted too early in the spring. Dwarfs are earliest and most hardy, as a general rule. In garden culture Beans are usually planted about two inches deep, in rows eighteen inches apart, and three inches apart in the row; in field culture, in drills two to three feet apart, so as to cultivate with horse one way. Until blossoming season, frequent but shallow cultivation should be given. It is useless to expect a crop from an ill-prepared field, or from one that needs deep stirring after planting, as cutting of the roots after the plants show bloom is very apt to kill the vines and ruin the crop. One quart will plant 100 feet of drill, and one bushel is sufficient for an acre.

Running Beans, especially the Limas, are even more tender than the dwarfs; therefore, planting must be delayed still later, or until liability to rot in consequence of cold, damp weather, has passed. Plant five or six beans in each hill, about two inches deep, hills three feet apart each way, setting the seed of the large varieties with the eye downward. One quart of seed will be sufficient for 100 hills of Limas, and 250 to 300 hills of the other varieties.

Packet, 10 cents; ½ pt., 15 cents; pt., 25 cents; qt., 40 cents; except as noted.

For prices on larger quantities, see page 37.



NEW STRINGLESS GREEN-POD

Dwarf Wax-Pod or Butter Beans

Wardwell's Kidney Wax. This variety is very hardy and the very best for long-distance shipping. It is extremely prolific, producing a heavy crop of long, flat pods, of a delicate waxy yellow, stringless and brittle. The beans are large, kidney-shaped, white, with dark markings about the eyes. **Packet, 10 cents; ½ pt., 20 cents; pt., 30 cents; qt., 50 cents.**

Jones' Stringless White Seed Round-Pod Wax. This absolutely stringless Bean is a week earlier than any other variety. The pods form very quickly, and are long, perfectly round, and exceptionally solid, of a delicate light yellow color, free from rust, and of delicious flavor. The ripe seeds will grade in the produce market as No. 1 Mediums or small Marrows, and if left to ripen, a large crop of dried beans can be harvested. **Packet, 10 cents; ½ pint, 15 cents; pt., 25 cents; qt., 45 cents.**

Improved Golden Wax. A popular standard variety. Pods long, nearly straight, broad, flat, golden-yellow, very fleshy and wax-like, stringless and brittle. The beans are medium in size, white, more or less covered with purple shading. **Packet, 10 cents; ½ pt., 15 cents; pt., 25 cents; qt., 45 cents.**

PROLIFIC GERMAN BLACK WAX

Prolific German Black Wax. An old sort but still retaining its place in the front, and in quality being exceedingly tender and crisp. In our estimation it is the best for the home garden. It is early and productive; pods long and round. **Packet, 10 cents; ½ pt., 15 cents; pt., 25 cents; qt., 45 cents.**

Yosemite Mammoth Wax. The pods of this monster Wax Bean are often ten to fourteen inches in length, nearly all solid pulp, and absolutely stringless, cooking tender and delicious. The color of the pods is a rich golden yellow. The plants are extremely large, and should be planted twice as far apart as the ordinary Bush Beans. **Packet, 10 cents; ½ pt., 20 cents; pt., 30 cents; qt., 55 cents.**

Saddle-Back Wax. One of the finest Wax Beans for home use. Pods round, smooth, and so extremely fleshy as to be deeply saddle-backed, the meat being solidly united between the seeds. Very tender, and entirely stringless. A strong grower, and quite prolific. **Packet, 10 cents; ½ pt., 20 cents; pint, 30 cents; qt., 50 cents.**

Pencil-Pod Black Wax. A new variety, with long, handsome, rich yellow, pencil-shaped pods, which are perfectly round and smooth, absolutely stringless, and of superior table quality. Plant vigorous, hardy, and exceedingly prolific. **Packet, 10 cents; ½ pt., 20 cents; pt., 30 cents; qt., 50 cents.**

Keeney's Rustless Golden Wax. A strong grower, positively free from rust, and of remarkable vigor. The pods are meaty and well filled, of fine quality, and stringless from first to last, even when old enough to shell. With its fine quality, hardiness, productiveness, and freedom from rust, it has become a general favorite. **Packet, 10 cents; ½ pt., 15 cents; pt. 25 cents; qt., 45 cents.**

Davis' White Wax. A white, productive, wax-podded sort, with large, handsome, straight pods, often seven to eight inches in length, containing pure white kidney-shaped beans. When fit for use the pods are quite stringless. The Davis Wax will produce a third more bushels of pods to the acre than any other Wax Bean. Fine for gardeners and canners. **Packet, 10 cents; ½ pt., 20 cents; pt., 30 cents; qt., 50 cents.**

Valentine Wax. An improved Extra Early Red Valentine Bean with round wax pod. Extremely early, and wonderfully productive. Pods very tender, almost stringless, and remarkably solid; handsome in appearance. **Packet, 10 cents; ½ pt., 20 cents; pt., 30 cents; qt., 50 cents.**

Refugee Wax. A perfect Extra Early Refugee, with long, round, wax pods of a golden yellow color, and of the finest quality. Bears immense crops. **Packet, 10 cents; ½ pt., 20 cents; pt., 30 cents; qt., 50 cents.**

Green-Pod Dwarf Snap Beans

Stringless Green-Pod. Best stringless green-pod Bean in cultivation. The pods are absolutely stringless, full, fleshy, crisp, very tender, and of the finest flavor, remaining long in edible condition. Ready for market two weeks earlier than Valentine, and very prolific. Too much cannot be said in favor of this most excellent Bean, which has become a general favorite among growers. **Packet, 10 cents; ½ pt., 15 cents; pt., 25 cents; qt., 45 cents.**

New Giant Stringless Green-Pod Valentine. This should not be confounded with the "New Stringless Green-Pod." It is a distinct new cross-bred variety, possessing all the merits of the old favorite Round-Pod Valentine, which is one of its parents, and having the following additional points of excellence: It is more prolific; the pods are one-third larger, being five to six inches in length, and are absolutely stringless, unusually crisp, round, full, and fleshy; qualities which highly recommend it to market gardeners. **Packet, 10 cents; ½ pt., 15 cents; pt., 25 cents; qt., 45 cents.**

Extra Early Red Valentine. One of the most popular of the extra early green snap sorts. The pods are round and fleshy, and of most excellent quality, remaining tender a long time after they are fit to pull. It is extensively grown for the earliest market.

Extra Early Refugee. One of the earliest of the green-podded sorts, being about two weeks earlier than the ordinary Refugee, while possessing all the superior qualities of that variety — straight, cylindrical, tender pods, of fine flavor and handsome appearance. Excellent for pickles. It is an enormous yielder, and a sure cropper.

Long Yellow Six Weeks. A very early standard variety, much prized for its productiveness and excellent quality. The green pods are often eight inches long, tender and brittle. Vines vigorous and branching. Beans long, kidney-shaped, yellowish dun-colored.

Dwarf Horticultural. A standard New England sort. The pods are medium in length, cylindrical, curved, and splashed with bright red on a yellowish ground. The beans are round and speckled. Good for use as a shelled bean; about equal in quality to the Lima. **Packet, 10 cents; ½ pt., 15 cents; pt., 25 cents; qt., 45 cents.**

Vick's Dwarf Prolific Pickler is distinct in seed, color, and habit of growth. Most prolific Dwarf Bean in cultivation. Plants stocky, from two and one-half to three feet in height. When young it makes a most excellent snap bean, being at that season entirely stringless. Pods in clusters, and from seven to ten inches long, showing the green color so desirable for pickles.

Dwarf Bush Lima Beans

The Bush Limas are quite desirable for the garden, as their cultivation does away with poles and the labor of staking.

True Bush Lima (Burpee's). This is of true bush form, coming absolutely true from seed. The bush grows from eighteen to twenty-four inches high, branching freely, bearing from 50 to 200 large pods, well filled with delicious buttery beans fully as large as the old style Pole Lima. Plant in rows three feet apart, and thin to twelve or eighteen inches apart in the row. **Packet, 10 cents; ½ pt., 15 cents; pt., 25 cents; qt., 45 cents.**

Improved Bush Lima (Dreer's, Kumerle, or Thorburn). Form of growth similar to above. The beans in the pod grow close together, are very thick, and of superior flavor. **Packet, 10 cents; ½ pt., 15 cents; pt., 25 cents; qt., 45 cents.**

Small Bush Lima (Henderson's). Form of growth same as that of the two preceding varieties. The beans are small in size, but of delicious flavor and great productiveness, and about two weeks earlier than the others. **Packet, 10 cents; ½ pt., 15 cents; pt., 25 cents; qt., 45 cents.**

Wood's New Prolific Bush Lima. This is a greatly improved strain of Henderson's Bush Lima, or Dwarf Sieva Bean. It is equally as early and as prolific, and as it produces much larger pods and beans, it therefore yields much larger crops. Being about two weeks earlier than the true Limas, it is very desirable for planting for an early supply, or in latitudes where the true Limas do not succeed well. Like all the Sieva Beans, it is especially adapted for light soils. **Packet, 10 cents; ½ pt., 15 cents; pt., 25 cents; qt., 45 cents.**

One packet of each of the above four varieties for 30 cents.

Pole, or Running Beans

About the middle of May plant four to six beans around poles 8 to 10 feet high, setting poles four feet apart each way. Thin to three plants to a pole if the soil is rich.

Old Homestead (Kentucky Wonder). Far ahead of any other green Pole Bean. Ten days earlier than any other green sort, being fit for the table by the first of August. It is enormously productive; entirely stringless. The pods, though large, cook tender, and are delicious. A most excellent snap variety, and one of the best and most profitable Beans for the market gardener. **Packet, 10 cents; ½ pt., 15 cents; pt., 25 cents; qt., 45 cents.**

Early Golden Cluster Wax. A vigorous and very productive variety; pods enormously large and long, flat, waxy yellow, tender, and of excellent quality. The earliest Pole Bean. **Packet, 10 cents; ½ pt., 20 cents; pt., 30 cents; qt., 50 cents.**

Dutch Case-Knife. Good as a shell bean, either green or dry. One of the earliest, and very productive. **Packet, 10 cents; ½ pt., 15 cents; pt., 25 cents; qt., 45 cents.**

TRUE BUSH LIMA BEAN

London Horticultural, or Speckled Cranberry (Wren's Egg) Vines moderately vigorous; pods short, broad, pale green, but becoming streaked with bright red; beans large, ovate, splashed and spotted with red, and of the highest quality. Popular as a shelled bean, either green or dry. Many people prefer them to the Limas. **Packet, 10 cents; ½ pt., 15 cents; pt., 25 cents; qt., 45 cents.**

Scarlet Runner. An old favorite; used both as string and shelled beans. Vines strong, rapid growers, often used for ornamenting porches and trellises. Flowers brilliant scarlet. Blooms from early in summer until late in fall. **Packet, 10 cents; ½ pt., 15 cents; pt., 25 cents; qt., 45 cents.**

Siebert's Early Lima. The earliest true Lima, and the best ever offered for market gardener's use. It furnishes the largest green beans, and is the most easily shelled of any of the Limas. The vine is so productive that although the pods rarely contain more than four beans the yield is enormous, and is produced from the very first to the last of the season. The green shelled beans are of immense size, but so tender and succulent that they shrink in drying to about the size of the Large White Lima. In earliness, ease of shelling, size, beauty and quality of the green beans, this variety is far in advance of all other sorts. **Packet, 10 cents; ½ pt., 15 cents; pt., 25 cents; qt., 45 cents.**

Extra Early Jersey Lima. Does not differ materially from other varieties of Lima Beans, except in earliness; in this it has the advantage of from ten days to two weeks over the older sorts. **Packet, 10 cents; ½ pint, 15 cents; pt., 25 cents; qt., 45 cents.**

Improved Lima (Dreer's). Earlier and more productive than the old sort. Vines very stout and vigorous. The pods are much thicker than those of the other Limas, and contain from four to five beans, which are large, thick, white, and of the best quality. **Packet, 10 cents; ½ pint, 15 cents; pt., 25 cents; qt., 45 cents.**

"King of the Garden" Lima. A vigorous grower, requiring but two vines to each pole. Begins flowering early, at the bottom of the pole, producing a continuous bloom and fruitage to the end of the season. Pods measure from five to eight inches, and contain five, six, and seven perfectly formed beans of superior edible quality. **Packet, 10 cents; ½ pt., 15 cents; pt., 25 cents; qt., 45 cents.**

Large White Lima. This old well-known sort needs no description. The green beans, most tender and delicious, are a delight to all in summer, and the dried beans in winter are excellent. **Packet, 10 cents; ½ pt., 15 cents; pt., 25 cents; qt., 45 cents.**

Field Beans

White Kidney (Royal Dwarf). An excellent shell bean for use as a green bean in succotash, and one of the best for winter use; unsurpassed for baked beans. Beans long, large, white, kidney-shaped. **½ pint, 15 cents; pt., 25 cents; qt., 40 cents. Bushel, at expense of purchaser, $4.00.**

Large White Marrow or Mountain. This sort, like the preceding, is extensively grown as a dry bean for winter use. The beans are large, clear white, cooking very dry and mealy. **½ pint, 15 cents; pt., 25 cents; qt., 40 cents. Per bushel, at expense of purchaser, $4.50.**

Vick Quality

BEETS FOR THE TABLE

Vick Quality

ALBANI OR MARKET GARDEN

CROSBY'S EGYPTIAN

FOR Beets the soil should be rich, mellow, and deep. For early use, sow in a hotbed, and transplant, cutting off the outer leaves. For main crop, sow as early as the ground can be worked, in drills about one inch deep and the rows about fifteen or eighteen inches apart, dropping the seeds about two inches apart, and pressing the soil firmly over them. When the young plants are two to three inches high, thin to five or six inches. For winter use, the turnip varieties may be sown the first week in June, and in October the roots can be stored in a cellar, covering them with sand to prevent shriveling; or they may be kept in pits out of doors. One ounce to fifty feet of drill; five pounds to an acre.

Packet, 5 cents; oz., 10 cents; ¼ lb., 20 cents; lb., 60 cents; except when noted.

Albani, or Market Garden. Remarkably early; grown extensively by market gardeners for first early; nearly globe-shaped, with small tap-root; skin smooth and attractive; flesh red and very fine-grained. Our seed is of our own growing, and we can recommend it as being an unusually fine strain. It will pay our market-garden customers to give this variety a trial. **Packet, 5 cents; oz., 10 cents; ¼ lb., 25 cents; lb., 70 cents.**

Rochester. A perfect Beet in all respects; brilliant crimson in color, globe-shaped, with a very smooth skin, and an exceedingly small tap-root, fine-grained, sweet in flavor, and tender at all times. The foliage is very small, admitting of close planting. A letter from a well-known horticulturist says, "Your New Beet 'Rochester' I consider better than Crosby's Egyptian; early, good form, fine-grained, good quality. A market gardener's sort." **Packet, 5 cents; oz., 10 cents; ¼ lb., 30 cents; lb., $1.00.**

Crosby's Egyptian. A carefully selected strain of Egyptian, as early as the original, but larger, thicker, smoother, and of better quality. Flesh deep blood-red. It is a rapid grower, attaining a usable size quicker than any other variety, and does not become woody with age. **Packet, 5 cents; oz., 10 cents; ¼ lb., 25 cents; lb., 70 cents.**

Extra Early Egyptian Blood Turnip. A standard sort, ten to twelve days earlier than the old Blood Turnip; fine for forcing and for first early crop out of doors. Roots rich, dark crimson, with very small tap roots; flesh dark blood-red, zoned with lighter shade; crisp, sweet and tender when young.

Early Eclipse. This variety is exceedingly popular, and is one of the best early sorts. The tops are small, which admits of close planting. The roots are of a globular shape. Flesh fine-grained, very sweet, crisp, and tender; dark red, zoned with a lighter shade. **Packet, 5 cents; oz., 10 cents; ¼ lb., 25 cents; lb., 70 cents.**

Arlington Favorite. A dark-leaved, early blood variety, closely following Eclipse in maturing, but of much darker color and superior quality; perfectly round. **Packet, 5 cents; oz., 10 cents; ¼ lb., 25 cents; lb., 70 cents.**

Detroit Dark Red. Tops small and upright, admitting of close planting. Roots medium in size, globular or oval, and very smooth; skin a dark blood-red; flesh deep bright red, zoned with a lighter shade, fine-grained, crisp, tender, and sweet, remaining so long after many sorts become woody. This is certainly a market gardener's Beet. **Packet, 5 cents; oz., 10 cents; ¼ lb., 25 cents; lb., 70 cents.**

Early Bassano. An early good turnip Beet, tender and juicy. Flesh white and rose. Grows to a good size. Sown late, it keeps well in winter.

Edmand's Early Blood Turnip. A market gardener's strain; regular in shape, round, with very small tap-root; flesh a deep blood-red, sweet, and tender. Can be planted closely between rows, having very small top.

Bastian's Early Blood Turnip. Tops small; roots turnip-shaped; flesh tender, retaining its blood-red color when cooked. A good second early variety, closely following Egyptian and Eclipse.

Dewing's Improved Early Blood Turnip. Turnip-shaped, smooth, tender, and good. About ten days after Bassano. **Packet, 5 cents; oz., 10 cents; ¼ lb., 25 cents; lb., 70 cents.**

Half-Long Blood Red. An entirely distinct variety, and the best for winter use. The roots are symmetrical, somewhat pear-shaped, smooth and handsome; flesh a rich dark red, crisp and tender, and very sweet, never becoming woody, and retaining its excellent quality longer than other sorts.

Long Smooth Blood Red. Tops large, with good-sized long roots, tapering, and growing even with the surface; dark red; flesh very sweet and tender, remaining so when kept till spring. A popular winter sort.

VICK'S GOLDEN GIANT MANGEL WURZEL

Produces a larger crop than any other variety of Mangel. Root of magnificent size, growing with half its bulk above ground, making it easy to lift and gather. Root uniform in shape, with a smooth, russet yellow skin, flesh white, firm and sweet, and greatly relished by cattle. A excellent keeper. **Ounce, 5 cents; ¼ lb., 15 cents; lb., 35 cents.**

BEETS FOR STOCK

MANGEL WURZEL

The Mangel Wurzels grow to a large size, are coarse and wonderfully productive, making excellent food for cattle. Those who have never tried the Mangels for stock have yet to learn of their great value for cattle, both for milk and meat. They are both juicy and refreshing, and add to the health and comfort of the animals. For field culture the rows should be wide enough to admit the horse cultivator, and the roots not nearer than one foot in the row. Sow five or six pounds of seed to the acre. When large quantities are required, write for special prices.

Vick's Mammoth Long Red. This is truly a mammoth, a single root often weighing twenty to thirty pounds. Enormously productive, yielding thirty to forty tons of roots per acre. They grow well above ground and are easily harvested. Our seed comes from a specialist in Europe and can be relied upon as superior to many of the so-called mammoth sorts, under the names of Colossal, Jumbo, Monarch, etc. **Ounce, 5 cents; ¼ lb., 15 cents; lb., 35 cents.**

Golden Tankard. A distinct variety, and particularly valuable on account of its richness in saccharine matter, and is highly prized by dairymen for its milk-producing qualities. All stock will thrive on it. Deep yellow flesh and skin. **Ounce, 5 cents; ¼ lb., 15 cents; lb., 35 cents.**

Champion Yellow, or Orange Globe. The best round Mangel. Keeps better than Long Red for winter use. It is also more valuable for growing in shallow soils. **Ounce, 5 cents; ¼ lb., 15 cents; lb., 35 cents.**

Red Globe. Similar to Yellow Globe except in color, which is a light red or pink. **Ounce, 5 cents; ¼ lb., 15 cents; lb., 35 cents.**

See Imperial White and Red-Top Sugar Beets.

SUGAR BEETS

When the Sugar Beet is planted for a sugar crop, from six to eight pounds of seed will be required for an acre. Seed may be sown in drills twenty to thirty inches apart. When beets are up two or three inches high, they should be thinned out so as to stand from six to eight inches apart. Discontinue cultivation after formation of roots has commenced. Although Sugar Beets are grown principally for sugar-making and for stock-feeding, they are very desirable for table use, being more tender, sweeter, and of better flavor than any of the sorts grown for that purpose. Everyone should try them.

Klein Wanzleben Sugar. This is a variety with small top-leaves and a conical root. It is being cultivated in Germany almost exclusively for sugar, on account of its great yield of saccharine matter. It gives good returns in any ordinary soil, and is easily harvested. **Ounce, 5 cents; ¼ lb., 15 cents; lb., 35 cents.**

Imperial White Sugar. One of the sweetest and best of Sugar Beets. Very productive and desirable for stock of all kinds. **Ounce, 5 cents; ¼ lb., 15 cts.; lb., 35 cts.**

Vilmorin's Red-Top Sugar. Matures earlier than other varieties of Sugar Beet, and yields a good percentage of sugar. A heavy cropper, largely grown for cattle feeding. **Ounce, 5 cents; ¼ lb., 15 cents; lb., 35 cents.**

FOLIAGE BEETS

SWISS CHARD — Used for Leaves and Leaf-Stalks only.

Beck's Improved Sea Kale. A variety of Beet with tender leaves, popular for cooking as "greens;" if sown at the same time as the garden Beet it will be fit for greens much earlier. The middle of the leaf is cooked and served like Asparagus; the other portion are used like Spinach. **Pkt., 5 cents; oz., 10 cents; ¼ lb., 25 cents; lb., 80 cents.**

Large-Ribbed Scarlet Brazilian. Stems and veins a beautiful crimson color; fine for garnishing. **Packet, 5 cents; oz., 10 cts.; ¼ lb., 30 cts.; lb., $1.00.**

Large-Ribbed Yellow Brazilian. Same as above, except in color, which is golden yellow. **Packet, 5 cents; oz., 10 cents; ¼ lb., 30 cents; lb., $1.00.**

Large-Ribbed Silver. **Packet, 5 cents; oz., 10 cents; ¼ lb., 20 cents; lb., 60 cents.**

SWISS CHARD

Vick Quality

CABBAGE

Vick Quality

IF there is any one thing more than another in the vegetable world that should have the greatest possible care in the growing of the seed crops, it is the Cabbage. Of late years many gardeners and truckers depend on this crop almost entirely; and, realizing this fact, we are making a great specialty of the varieties we offer. These are grown under our own general supervision, and we know from repeated trials there are none more reliable and none that can be more implicitly depended upon. The Cabbage requires a deep, rich soil, and thorough working. For ordinary home use, with either early or late varieties, sow in seedbed early in spring; but for early use the plants should be started in a hotbed or coldframe. Plant the large varieties three feet apart; the small, early sorts, eighteen inches to two feet; setting the plants down to the first leaf. The Savoy Cabbages have wrinkled leaves, and are of fine flavor, especially after a little frost has touched them in the autumn. One ounce of seed will yield about 3,500 plants. If Cabbages are troubled with insects, use Vick's Insect Exterminator—see advertisement.

VICK'S IMPROVED DANISH BALLHEAD

I never cheat the earth when I plant Vick's seeds. I find them true to name, and strong in vitality; this combined with prompt and careful shipments commends your seed house to thoughtful buyers.

MRS. S. DIMOND, New Hampshire.

THE HARTFORD

20th Century. Vick's Earliest of All Cabbage. This new variety, introduced by ourselves in 1900, came to us from Denmark, the home of the famous Danish Ballhead Winter Cabbage, and is without exception the earliest Cabbage yet introduced. Heretofore the Jersey Wakefield has been cultivated for earliest of all Cabbage, producing pointed or sugar-loaf heads, but in the 20th Century we have the round shape like All Seasons and others, which is the preferable form. The heads are medium sized, and solid as a cannon-ball. It grows more compactly than either Wakefield or Winnigstadt, and therefore yields a much larger crop. For garden use it is unexcelled. **Packet, 10 cts.; oz., 40 cts.; lb., $5.00.**

Selected Early Jersey Wakefield. The leading early variety and most popular for private or market gardeners' use. Our stock of this standard Cabbage is grown and selected with the greatest care, and can be relied upon both for vitality of seed and trueness to type. The heads are conical in shape, solid, and compact; the outer leaves are thick and heavy, which make the Jersey Wakefield the best for wintering over and very early setting. **Packet, 5 cents; oz., 25 cents; lb., $2.50.**

Charleston, or Large Wakefield. A strain of Wakefield in which the heads are decidedly larger and not so pointed, and about a week later. Unlike some other early sorts it is not liable to burst open when matured. Its solidity of head and long-keeping qualities make it deservedly popular with market gardeners and shippers. **Packet, 5 cents; oz., 25 cents; lb., $2.50.**

Early Winnigstadt. A distinct second early sort, and one of the best for general cultivation. Being very hardy, it is therefore less subject to wet or drouth, insects or disease. A sure-heading variety, giving entirely satisfactory crops. The heads are uniform in size, conical in shape, and very solid. It is valuable for early use, and on account of its solidity, and short, thick leaves, it makes also a good winter Cabbage. **Packet, 5 cents; oz., 20 cents; lb., $2.00.**

New Early Spring. This is a valuable extra early variety, coming into use as early as Wakefield, and yielding one-third more. The heads are round, slightly flattened, and very solid. It has few small outer leaves, allowing it to be planted close. Truckers or private gardeners will make no mistake in growing this valuable variety. **Packet, 5 cents; oz., 20 cents; lb., $2.00.**

Improved Early Summer. This is a valuable variety for both market and family use, maturing about ten days later than the Jersey Wakefield. It is an improved strain of the Newark Early Flat Dutch, so popular years ago with the New Jersey gardeners for supplying the New York markets. It is a large-heading variety, in form nearly round, somewhat flattened, very solid and uniform in size, and will keep longer without bursting than most of the early sorts. Seed should be sown in February or March, as when sown in the fall and wintered over the plants are inclined to run to seed. **Packet, 5 cents; oz., 20 cents; lb., $2.00.**

Allhead Early. The largest-heading of the second early sorts,—earlier, and one-third larger than Early Summer; therefore more profitable to the market gardener. It is a rapid grower, and consequently very tender. The deep, flat heads are remarkably solid, very uniform in size, and of compact growth. Having few outer leaves it can be planted very close. **Packet, 5 cents; oz., 25 cents; lb., $2.50.**

All Seasons A very superior, sure-heading, long-keeping sort. It would be classed as second early; but whether for medium early, main crop, or late use, it is unsurpassed by any other sort. The heads are large, nearly round, somewhat flattened, very solid, and in quality the best. Its ability to stand the summer heat and dry weather is quite remarkable. **Packet, 5 cents; oz., 25 cents; lb., $2.50.**

Improved Succession. A sure-heading, long-keeping variety, about ten days later than the well-known Early Summer, with larger and heavier heads. **Packet, 5 cents; oz., 25 cents; lb., $2.50.**

CABBAGE—Continued

Fottler's Improved Brunswick. One of the very best second early sorts. Heads large, flat, solid, and of excellent quality. Stems very short. Packet, 5 cents; oz., 20 cents; lb., $2.00.

Warren Stone Mason. A great improvement on the old Stone Mason. The heads are deep and nearly round. An excellent sort to carry through the winter. Its reliability for heading is unsurpassed. Comes in with Fottler's, and is a capital sort to succeed All Seasons. Packet, 5 cents; oz., 20 cents; lb., $2.00.

The Lupton. This variety is one of the best for a main crop, combining as it does the best qualities of the second early and the late sorts. It is also one of the best keepers we have, coming out in the spring bright and fresh. Packet, 5 cents; ¼ oz., 10 cents; oz., 30 cents; lb., $3.00.

Vick's Short-Stemmed Early Danish Ballhead. A new strain selected from the famous Danish Ballhead Cabbage, and is bound to become one of the best and most popular sorts both for home and market growing. The heads are very large; as round as balls and as solid as bullets. The interior leaves are pure white, crisp and tender. On account of their solidity, cabbages of this variety will outweigh those of any other variety of the same size. It is short-stemmed and as strong and vigorous as any other American variety, and also as free from blight. Fully two weeks earlier, and will keep and ship as well as Danish Ballhead. Danish Ballhead usually commands at least one cent per pound more than any other variety of cabbage in the wholesale markets of this and other cities, and this new and improved strain will prove fully as profitable. Packet, 5 cents; ¼ oz., 10 cents; oz., 35 cents; ¼ lb., $1.00; lb., $3.50.

Vick's Improved Danish Ballhead. Of the many varieties of Cabbage introduced within the past few years none has attained to so great popularity, or given such general satisfaction as Vick's Improved Danish Ballhead. The fame of this particular strain has become world-wide, and it stands without a peer. It commands a higher price in the market than any other variety. It is remarkable for the solidity of its heads and long-keeping qualities. The heads are of medium size, with few outer leaves, admitting of close planting; exceedingly fine-grained, hardiest of all, tender, crisp, solid, with no waste heart. Will average six pounds per head. Do not be deceived by substitutes. There is only one Improved Danish Ballhead Cabbage, and this we import direct from our original grower in Denmark. Packet, 5 cents; ¼ oz., 10 cents; oz., 30 cents; lb., $3.00.

Hartford Has many of the excellent qualities of the now famous Danish Ballhead. The heads have the same solidity, but are larger and rounder, weighing from fifteen to twenty pounds, are uniform in size and growth, and, the stem being shorter, grow closer to the ground. The flavor, when ready for the table is mild and sweet, and for sauerkraut it is unsurpassed. It is an entirely distinct variety, differing from all others in growth and habit. Packet, 10 cents; ½ oz., 60 cents; oz., $1.00.

Autumn King or World Beater. A comparatively new strain of late Cabbage, and one which will supercede the old Mammoth Marblehead Cabbage of years ago. The Autumn King grows to an enormous size, making heads as solid as a rock, and comes uniformly true to type. It can be relied upon to produce a greater weight of crop from the same space of ground than most of the late sorts, having few outer leaves. Packet, 5 cents; oz., 25 cents; lb., $2.25.

Louisville Drumhead. A variety grown largely by market gardeners in the Southwest. It stands hot weather better than most other sorts, and is a sure cropper. Resembles Premium Flat Dutch. Packet, 5 cents; oz., 20 cents; lb., $2.00.

Selected Premium Late Flat Dutch. No introduction is necessary for this old, reliable, and popular Cabbage. It produces large, solid heads of superior quality, keeping in best condition for a long time. Packet, 5 cents; oz., 20 cents; lb., $2.00.

Improved American Savoy. Decidedly the peer of all Savoy Cabbages, either for market or kitchen garden, and a reliable header. The heads are large, and very solid, and possess a fine delicate flavor. The beautifully curled and crimpled leaves are of a dark rich green color. We can recommend this variety to all. Packet, 5 cents; oz., 20 cents; lb., $2.00.

Mammoth Rock Red. This is by far the best, largest, and most reliable heading red Cabbage ever introduced. The head is large, round, very solid, and of a deep red color. Packet, 5 cents; oz., 20 cents; lb., $2.00.

OTHER STANDARD VARIETIES OF CABBAGE.

Large Late Drumhead. Extra Early Etampes. Early Blood Red.
Packet, 5 cents; ounce, 15 cents; pound, $1.75.

CAULIFLOWER

The Cauliflower delights in a rich soil and an abundance of water. Sow seed for an early summer crop in February or March, in a hotbed, and when plants are three or four inches high transplant four inches apart in boxes or frames. In the middle of spring, or as soon as the gardener deems it prudent, the plants can be removed to the open ground into soil that has been well enriched with good manure. Set plants from two to two and a half feet apart each way. Cultivate often, throwing up the earth, and water well in dry weather. For late Cauliflower sow seed in a cool, moist place, on the north side of a building or tight fence, in this latitude about the first of May, and they will not be troubled with the little black beetle so destructive to everything of the Cabboge tribe when young. One ounce will produce about 3,500 plants.

Vick's Danish Giant, or Dry Weather Cauliflower. Originated in Denmark the home of the "Snowball" and other leading sorts. Its main feature is the fact that it will stand an unusual amount of dry or warm weather and still produce perfect, large, solid heads. In districts where heretofore it has been impossible to grow Cauliflower, this fine variety has proven a success. It is ready for market or table about a week later than Extra Early Erfurt. Packet, 25 cents; ¼ oz., $1.00; oz., $3.50.

Vick's Ideal. This is unquestionably the leading variety for market and for private use. *For reliability of heading and size and solidity of heads*, it is superior to any other variety. It is sure to head, even under unfavorable circumstances, and will attain to enormous size under ordinary cultivation. The plants are very dwarf, and while the outer leaves are erect the inner ones lap over the heads so as to fully shade them from the sun, preserving them a beautiful snowy white. Packet, 30 cents; ¼ oz., $1.75; oz., $5.00. These prices are *net*, from which no discount or on which no premium will be allowed.

Early Snowball. Next to our Ideal we can recommend the Snowball as one of the earliest and surest heading varieties. Its dwarf habit and short outer leaves allow it to be planted very close—eighteen to twenty inches apart. It is well adapted for forcing under glass throughout the winter and spring. It gives a pure snow-white, medium-sized head. Our Cauliflower seed is grown by a specialist, and can be relied upon in every respect. Packet, 15 cents; ¼ ounce, 75 cents; oz., $2.50.

Erfurt Earliest Dwarf. Until the introduction of our Ideal, the Erfurt was a leader, and today this variety will stand the test with any other extra early sort. It is very dwarf in habit, producing pure white heads of great solidity and finest quality; quite desirable for forcing or for planting in open ground. For a general all-round market garden variety we can highly recommend the Erfurt strain. Packet, 15 cents; ¼ oz., 75 cents; oz., $2.50.

Early Paris, or Nonpareil. This is a well-known standard French variety, producing very early, good-sized, pure white heads, which are tender and delicious. Packet, 10 cents; oz., 75 cents; ¼ lb., $2.50.

Veitch's Autumn Giant. A distinct and valuable late variety, producing large heads, pure white, firm, and compact; and being thoroughly protected by the foliage, remains a long time fit for use. A desirable variety for the South. Packet, 5 cents; oz., 40 cents; ¼ lb., $1.25.

Large Late Algiers. One of the best late sorts, grown largely for fall use. It is a sure header, and endures uninjured a freeze that would materially affect other sorts. Packet, 10 cents; oz., 75 cents; ¼ lb., $2.00.

Vick Quality

CELERY

Vick Quality

The qualifications necessary for successful Celery culture are good seed, manure, moisture, and tillage. The best soil, when obtainable, is good, deep swamp muck or moist loam highly enriched with thirty or forty loads to the acre of good horse or cow manure. There must be plenty of water, either naturally or artificially supplied. Celery seed is slow to germinate, and when very early plants are wanted it should be sown in a hotbed in February or March, barely covering the seed. When the plants are large enough, transplant into coldframes, one and a half inches apart; water and attend carefully; keep the temperature moderate; and when the weather is suitable, from middle of May till June, transplant into the open ground. For main crop, sow in shallow drills in the open ground, as soon as the soil can be worked, choosing a rich mellow soil. See that the bed is kept well watered. Rolling or pressing in the seed will give more satisfactory results than merely covering it. When the plants are two inches high, thin out to three inches apart in the rows; and when four inches high, cut off the tops to make the plants stocky. The best time to plant is that which will bring the plants to maturity during the cool, moist weather—in this locality from the middle of June to early in July. Prepare shallow trenches, about six inches deep and four feet apart, in which set the plants six inches apart, firming the soil closely about the roots; start the cultivator and keep it going until about the middle of August. Then begin blanching by drawing up the soil with a hoe, and afterward drawing it closer around each plant by the hand, keeping the leaf-stalks close together, so that the soil cannot get between, as that would be likely to cause them to rust or rot. Firm the soil about the plants enough to keep the leaves in an upright position. Repeat this process every few days, until only the tops are visible. Never hoe or earth up in moist weather, nor when the plants are wet with dew, as it would cause serious injury. One ounce of seed will produce 4,000 to 5,000 plants. To keep Celery for winter, dig trenches a foot wide and as deep as the tops of the plants. Stand Celery in these, erect, as they grow, with what dirt adheres to the roots, packing closely, but not crowding. After the trench is filled, cover with straw or leaves, as a protection from frost. Do not cover until the weather becomes quite cold, and then only a little at a time, as the cold becomes greater. Celery will bear a good deal of frost. The trench must have good drainage.

Paris Golden Dwarf Self-Blanching.

Our Seed of this variety is the very best that can be produced

This variety is without exception the best early Celery in cultivation, and we believe will ever remain so. It is of French origin, but some seedsmen, anxious to increase profits, have had seed of it grown in California by cheap Chinese labor, the result showing itself in the crops of *soft, and mixed with green, plants in many gardens*. It does not pay *to buy cheap seed*. Rochester, N. Y., has a reputation for shipping Celery in car loads to New York, Philadelphia, Washington, Pittsburg, and Cincinnati, and the seed for these great supplies is furnished almost exclusively by ourselves. The Paris Golden Self-Blanching is of dwarf habit and very stocky; stalks very uniform in height, growing very compactly; color of majority of stalks and leaves a rich golden yellow. In quality it is unexcelled, being solid, tender, crisp, and rich in flavor. **Our private market gardener's strain, packet, 10 cents; oz. 45 cents; lb., $4.50.** These prices are *net*, from which no discount or on which no premium will be allowed.

Rose-Ribbed Paris Self-Blanching. This magnificent sort comes to us from the originator, the grower of our market garden strain of Golden Self-Blanching, and resembles in general character that most valuable variety, while in flavor it is much superior. It is a robust grower, and as self-blanching as any variety in cultivation. The stalks are large, thick, and beautiful, tinted with rose color at the base, while the upper part of the stems, particularly the *hearts*, are a deep, rich yellow. All market gardeners should test the tastes of their customers by growing a crop of this meritorious sort, and they will be more than satisfied with its excellent quality in addition to its beautiful appearance. **Packet, 10 cts.; oz., 30 cts.; lb., $3.00.**

Pink Plume. The red Celeries are hardier and better keepers than the white and yellow sorts, and are of very fine quality, possessing a peculiarly rich nutty flavor. This variety possesses all these good qualities, while its delicate pink color gives it a handsome appearance. A self-blanching variety, of strong and vigorous habit. **Packet, 5 cents; oz., 25 cents; lb., $2.50.**

White Plume. A variety especially adapted to cultivation by amateurs, as its inner stalks and leaves are naturally white, and do not require blanching by the old process of high banking. By simply tying up the stalks and drawing up the soil with the hoe, the work of blanching is complete. It is ornamental, tender, crisp, and of good flavor. **Packet, 5 cts.; oz., 20 cts.; lb., $2.00.**

Giant Pascal. This is a selection from the Golden Self-Blanching Celery. The stalks are very large, thick, solid, and crisp. It has a fine nutty flavor, and free from any trace of bitterness. It bleaches with but slight earthing up, retains its freshness a long time after being marketed, and is a better keeper than any other white or yellow variety. **Packet, 5 cents; oz., 20 cents; lb., $1.75.**

Improved Dwarf Golden Heart. A prominent market gardener has for years sold on our market this improved strain of Golden Heart, for which he receives an advanced price. Its good and long-keeping qualities are unexcelled by any other variety. **Packet, 5 cents; oz., 15 cents; lb., $1.50.**

Turnip-Rooted (Celeriac) Large Smooth Prague. This is an improved form of the Turnip-rooted Celery. Roots large, round and smooth, and free from side roots; a profitable variety for market gardeners. Sow seed same as Celery, transplant into rows two feet apart and about six to eight inches in the row. No earthing up is required for Celeriac, as it is the roots which are the edible portion of the vegetable. For winter use, pack in damp sand or earth in cellar, or cover with straw and earth outside. **Packet, 5 cents; oz., 20 cents; lb., $2.00.**

OTHER STANDARD VARIETIES OF CELERY.

Perfection Hartwell,	Laing's Mammoth Red
Boston Market,	Crawford's Half Dwarf,
Giant White Solid,	Winter Queen,
Giant Golden Heart,	Henderson's Dwarf White.

Packet, 5 cents; oz., 20 cents; lb., $1.75.

Old seeds for flavoring. Excellent. **Ounce, 10 cents; lb., 40 cents.**

CARROT

THE Carrot should always be furnished a good, deep, rich soil. Sow in the spring as soon as the ground is in good working order. For garden culture, sow in drills sixteen to eighteen inches apart, covering the seed half an inch to an inch deep. Press the soil firmly above the seed, as it is slow to germinate. For field culture, sow in drills from twenty to thirty inches apart, and when plants are one to two inches high thin out to from three to eight inches apart in the rows, according to the variety. An important feature in sowing Carrots, as in all other seeds, is firming the seed in the soil; this may be done with the foot or spade.

The short kinds are finest grained, best adapted for table use, can be had very early, and may be allowed to grow very thickly upon the ground. The large kinds are admirable for all kinds of stock, and nothing is more relished by horses in winter, and nothing is more healthful. Some prefer the short kinds, even for stock, as they are so easily gathered, and give such a good crop. One ounce will sow 100 feet of drill; three to four pounds to an acre.

Packet, 5 cents; oz., 10 cents; ¼ lb., 30 cents; lb., 90 cents; except as noted.

Earliest French Forcing. The earliest of all varieties, and especially adapted for cultivation under glass, both on account of its earliness and the shortness and small size of its roots. It is also one of the best sorts for the table; delicate, fine-grained, and remarkably fine-flavored. It is also used by gardeners for bunching for early market. Root orange-red. Top very small.

Early Scarlet Horn. This is a favorite for early crop, but not large; sold extensively in all markets bunched. The tops are small; roots top-shaped, stump-rooted, therefore easily pulled. Grows well in shallow soil. Color a deep orange; flesh fine-grained.

Half-long Nantes Stump-rooted. A market gardener's favorite. It is of medium size, admirably adapted for bunching, and one of the best for summer use for the home garden. Roots about six inches long, very smooth and cylindrical, bright orange; flesh orange, becoming yellow in the center, but with no core; very sweet and tender.

Chantenay Stump-rooted. The best early Carrot in cultivation, and one which market gardeners should plant for their main early crop. In shape it is midway between the Nantes Half-Long Stump-Rooted and the Guerande or Oxheart varieties, nearly equaling the former in length, and having the broad shoulder and tapering root of the latter. Its color is orange-red; the flesh crisp and tender. Very early and a heavy cropper.

Guerande or Oxheart. This variety has given great satisfaction. While not attaining one-half the length of many other varieties, it will compare favorably in bulk of crop, as on good land it will produce Carrots four to six inches in diameter. The crop can be pulled by hand, while the longer sorts require digging. Excellent for table use, as well as for stock. Truly a market gardener's favorite. It is of medium size and admirably adapted for bunching. It is also one of the best for summer use for the home garden. The roots are about six inches long, very smooth and cylindrical, color a bright orange; flesh orange, becoming yellow in the center, but with no core; very sweet and tender.

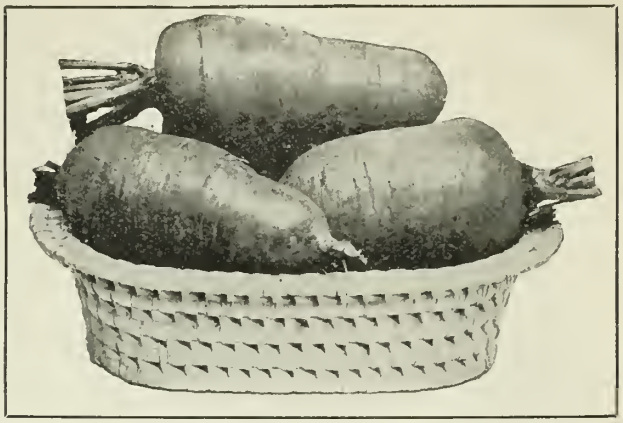
Danvers Half-Long Orange. A first-class variety; flesh dark orange. The smooth, handsome roots are of medium length, tapering uniformly to a blunt point; flesh sweet, crisp, and tender. A great favorite with market gardeners; also valuable for a field crop, owing to its productiveness. **Packet, 5 cents; oz., 10 cents; ¼ lb., 25 cents; lb., 80 cents.**

St. Valery Intermediate. One of the best and handsomest main-crop Carrots. The roots are very symmetrical, tapering regularly from the shoulder to tip, very smooth, and free from side roots. The core is small and very tender; flesh rich orange, of fine flavor. Enormously productive. Very desirable for private gardens, as well as for market. **Packet, 5 cents; oz., 10 cents; ¼ lb., 25 cents; lb., 75 cents.**

Improved Long Orange. The old standard and popular variety. It grows to a large size, some specimens measuring twelve inches in length. Enormous crops can be grown under fair culture. One of the best varieties for feeding stock. **Packet, 5 cents; oz., 10 cents; ¼ lb., 25 cents; lb., 75 cents.**

Improved Short White (Vosges). For a field Carrot this is unexcelled. The roots are short, very heavy at the shoulder, tapering to a point, and therefore easily harvested. Especially suited to shallow soils. Enormously productive. **Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 20 cts.; lb., 60 cts.**

Belgian Carrots. The great stock-feeding Carrots of Europe. Roots grow to a large size; partly above ground. Very productive. Orange Belgian, White Belgian. **Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 20 cts.; lb., 60 cts.**



CARROT, CHANTENAY STUMP-ROOTED

CHICORY

Sow Chicory seed as early in the spring as the ground can be worked, in drills half an inch deep and fifteen inches apart, and in good mellow soil. The after-culture is the same as for Carrots. In the autumn the plants will be ready for blanching, when it is used as a salad. The dried roots are also used as a substitute for and an adulterant of coffee. One ounce is sufficient for 100 feet of drill.

Large-Rooted Long Magdeburg. **Packet, 5 cents; oz., 10 cents; lb., $1.00.**

CIVES OR CHIVES

These are very hardy perennial plants, belonging to the Onion family. They are grown exclusively for their tops, which are used for giving a mild onion-like flavor to soups, stews, etc. Planted in clumps in any good garden soil, they grow readily, and increase so as to render a division necessary. The tops appear very early in spring, and can be cut throughout the season. The plants make a fine permanent edging, and we have used them for this purpose. **Roots, per bunch, 25 cents, by mail, prepaid.**

COLLARDS

This is a variety of Cabbage largely grown in the South, where it is extensively used for both man and beast. It forms a large, loose, open head or mass of leaves. Freezing does not injure it. Sow seeds in the South from January to May, and August to September.

True Georgia. **Packet, 5 cents; oz., 10 cents; lb., $1.00.**

CORN SALAD—Fetticus

A favorite salad plant in Europe, used in winter and spring as a substitute for Lettuce. The leaves are sometimes boiled and served as Spinach. It is hardy and quick-growing. Sown in August and September, in drills one foot apart, and protected with a few leaves or straw during winter, it can be gathered very early in spring. Sown in April it is soon fit for use. The soil for Corn Salad should be very rich. Sow two ounces to 100 feet of drill. **Packet, 5 cents; oz., 10 cents; lb., 60 cents.**

CRESS—Peppergrass

Cress should be sown in a hotbed or in a sheltered spot in the garden, quite thick, in shallow drills, and in a short time it will be fit for cutting. It gives a pungent relish to Lettuce, and other salad plants. A fresh lot should be sown every week, as it matures very rapidly and is useful only when young.

Packet, 5 cents; oz., 10 cents; lb., 50 cents; except where noted.

Fine Curled. Superior; will bear cutting several times.

Broad-Leaved Garden. Sometimes used for soups.

Australian. Leaves delicate green; flavor mild and fine.

Water. Does well in mucky situations, but better on the edge of streams, in shallow water. It needs no after-care. **Packet, 10 cents; oz., 30 cents; lb., $3.00.**

SWEET CORN

Vick Quality

SWEET CORN should not be planted very early in the season, for it will not make any progress until the weather is warm, and will be very apt to rot. It will decay in places where our common field Corn will grow, and the sweeter and purer the less hardship it will bear. Always select a warm soil for Sweet Corn, if possible, especially for the early varieties, as the difference in soil and exposure will make a week's difference in the time of maturity, besides ensuring a crop. Plant in hills, three feet apart for the earliest varieties, and three and a half to four feet for the late ones. One quart will plant 200 hills; 8 to 10 quarts for an acre in hills.

Packet, 10 cents; ½ pint, 15 cents; pint, 20 cents; quart, 35 cents.

First Early Varieties

Vick's Earliest of All. This is in *fact* the "earliest of all." Very excellent, tender, and sweet. Similar in appearance to Cory, but superior in quality. To market gardeners this variety is of great value, as the first Sweet Corn will bring two or three times the price it commands when the supply becomes general.

Mammoth White Cory. A decided improvement over the original Cory. In fact our selection of seed stock and careful growing of this strain make it the largest and best extra early in our list. The stalks are no larger than those of the White Cob Cory, while each stalk bears two or more large, fine-shaped ears, twelve-rowed, and covered with large, broad, white grain, remarkable for its good quality for so early a sort. All gardeners who cater to the best trade should plant this variety.

Premo. This new sort combines all the good qualities of the later sorts, is much hardier, and may be planted some days earlier without danger of rotting. It is a vigorous grower; stalks about five feet high, bearing two well developed ears to a stalk. It is earlier than Extra Early Adams or Fordhook Early. The ears are of good size, 8 to 10 rowed, resembling White Cory. It is certainly an acquisition to the Corn family.

Metropolitan. The new Metropolitan combines the essential features of earliness and fine quality to a more satisfactory degree than any of the other first early varieties. The plant grows five to six feet in height; the ears average nine inches long, are 10 to 12 rowed, well filled out, and set low on the stalk; the kernels are exceedingly white in color.

Kendel's Early Giant. This variety is one of the *largest early Sweet Corns*. It comes in soon after the Cory. Ears eight to ten inches long, 12 to 18 rowed, filled well to the tip with broad, white, sweet kernels of excellent flavor. Stalks short, bearing one to two ears.

Early Minnesota. An old and popular dwarf variety. Ears fine, of good sweet quality. Desirable for both the market and private garden.

Cosmopolitan. The best large early main crop true Sweet Corn yet introduced. In size of ears and fine quality it equals the best second earlies. Stalks five to six feet high; ears nine inches long, filled to the very tip with ten or more rows of large grains. Cob pure white. Its attractive appearance, fine quality, and earliness, will recommend it to market gardeners.

Medium and Second Early

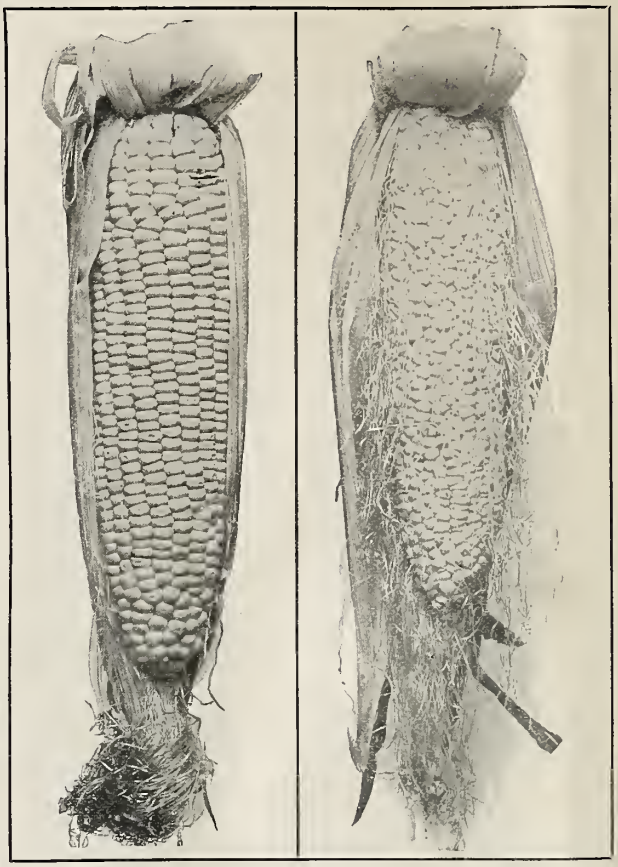
Crosby's Early. Excellent. Remarkably early and of best flavor. Ears medium size; twelve-rowed; grains sweet and thick. Largely grown for canning.

Perry's Hybrid Sugar. A very popular and a remarkably long-eared sort for one so early. Ears ready for use a few days later than Early Cory and Minnesota, but double the size of either. Ears twelve-rowed; kernels large, tender, and deliciously sweet. Stalks of great vigor, about six feet high, with two perfect ears to the stalk.

Moore's Early Concord. This is a popular, well-known, second early sort, producing large, handsome, 14 to 16 rowed ears of very white, sweet, square grain. An excellent sort to follow Crosby's Early.

Early Evergreen. This fine variety is ten to twelve days earlier than Stowell's, and though it is not quite as large, it yields large, handsome, ten or twelve-rowed ears. An excellent variety to follow Moore's Early Concord.

Early Mammoth. The earliest, sweetest, and largest of the mammoth sweet varieties. Probably no other Sweet Corn will yield as much fodder, and for this reason it is extensively planted, to be fed green or dry.



MAMMOTH WHITE CORY — COUNTRY GENTLEMAN

Potter's Excelsior (Squantum). A well-known sort, extensively grown for market and canning purposes; also used throughout New England in their famous clambakes. It is remarkably sweet, and wonderfully productive.

Hickok's Improved. This is a variety extensively used for canning purposes. It is earlier than Stowell's Evergreen, and makes an attractive ear of very white and handsome grain. It is very prolific, every stalk producing two ears. It is the best sort for drying and parching.

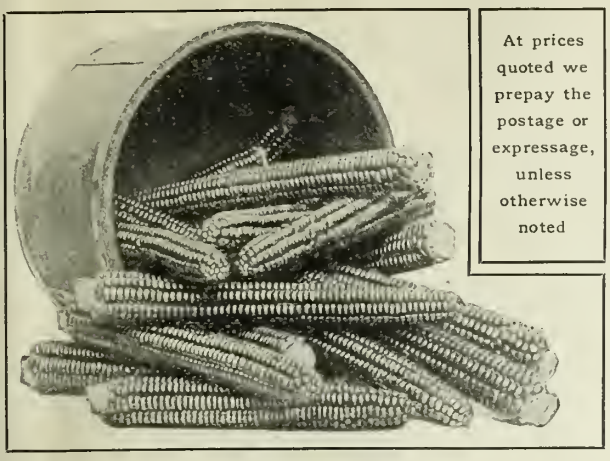
Stowell's Evergreen. There never was, and we believe there never will be, a better late Sweet Corn than Stowell's Evergreen. For a late main crop, for family use, the general market, or for canning, it is unexcelled. We have made a specialty of this variety for years, and our sales of thousands of bushels to the canning trade attest the fact that our strain is the best.

Black Mexican. The ripe grain of this novel variety is black or bluish black, but when in condition for the table looks remarkably white. This is considered the sweetest and most tender of any variety of Sweet Corn.

Country Gentleman. A remarkably satisfactory and delicious Corn for family use. The ears are good-sized and produced in great abundance, many stalks bearing four plump ears. Its long, small, milky kernels are full of sweetness; and as the cob is small, and the corn white and tender, it is sure to please. It is somewhat later than Stowell's Evergreen.

Egyptian, or Washington Market. A tall-growing sort, very late, coming in after Stowell's Evergreen. It is a delicious, sweet, and tender Corn, and quite desirable for an extremely late variety. Highly prized for canning.

Mammoth Late Sugar. Green ears of this variety have been exhibited weighing from two to three pounds. The sweetest and largest of all the mammoth sweet sorts. Valuable on account of its yield of stalks for fodder



At prices quoted we prepay the postage or expressage, unless otherwise noted

FIELD CORN, GENESEE VALLEY

FIELD CORN

Quart, 25 cents, postage paid; peck, 50 cents; bushel, $1.50; except as noted.

Pecks or bushels by express or freight at expense of purchaser. Special prices on large quantities. In this list the planter will find all that is best in field varieties.

Genesee Valley. A new, yellow, eight-rowed Flint variety, originating through the crossing of the popular Longfellow with a choice local stock. The cob is white, twelve to fifteen inches in length, and very slender. The grain is a golden yellow, large, and compactly set, covering both butt and tip. It is an exceedingly early, hardy, and productive variety, yielding on good land from eighty to 100 bushels of shelled corn per acre. It is easy to husk, and the stalks make good fodder. Quart, 25 cents; peck, 60 cents; bush., $2.00.

Early Sanford. An early white flint variety: equally valuable for ensilage or grinding. Quart, 25 cents; peck, 60 cents; bushel, $2.00.

Pride of the North. A sixteen-rowed Yellow Dent variety. Ears eight to ten inches in length; cob very small and red, with grain above medium size and closely set. It produces an enormous quantity of shelled corn to the amount of cob. Stalks six to eight feet, and frequently bearing two ears. An exceedingly early and prolific variety.

Improved Leaming. Similar to above in every respect, but about two weeks later in maturing. A very desirable variety.

Champion White Pearl. A new, early, thoroughbred White Dent Corn. Ears average sixteen rows, with very small cob; ripens in 90 to 100 days from time of planting. Very productive, yielding fully as well as the Yellow Dent sorts.

Early Mastodon. An improved variety of Yellow Dent, combining large yield, large grains, and early ripening. It has the largest number of rows on a cob, and the largest grains of any Corn ever originated. It is high bred and of a beautiful color, being such corn as brings the highest price in the market. It is of medium height, grows rapidly, and ripens in 100 days. From 170 to 200 bushels per acre have been produced as far north as latitude 42° 30′. Considering its size and the number of rows on a cob, it is the earliest Dent Corn grown.

Golden Beauty. A grand new Dent variety of vigorous growth and immensely productive on rich soil. The ears are of perfect form, remarkable in size, filled to the tip with ten to fourteen rows of remarkably large bright golden grains. Cob very small for so large an ear. Ripens in from 110 to 120 days. Stalks ten to twelve feet in height, with abundant foliage.

Iowa Silver Mine. Awarded first prize at Illinois State Fair. White kernels on white cob; ears ten to twelve inches long, sixteen to twenty-rowed, often weighing one and one-half pounds. Stalks seven to eight feet high. It is hardy, a great drouth resister, and a rapid and strong grower.

Improved Early Sheeptooth. (Fodder Corn). Nearly two weeks earlier and better adapted for fodder and ensilage in the Northern States than the ordinary Southern Sheeptooth. The stalks are twelve to fourteen feet in height, and enormously productive. This improved sort is generally superseding all known varieties for ensilage purposes. Peck, 40 cents; bushel, $1.25; bag of 2½ bushels, $3.00, with no charge for bag.

Sweet Fodder. There is nothing better for green feed, or for curing for winter, than Sweet Corn. Cattle highly relish it, and when fed on it keep in fine condition and give an abundance of rich milk. It has the great merit of being so sweet and palatable that cattle eat every bit of the stalk and leaves. It is also excellent for soiling. Sow in drills, one and one-half bushels per acre; or broadcast double the quantity. State if wanted for summer or winter feeding when ordering. Peck, $1.00; bushel, $3.50.

POP CORN

Shelled corn, packet, 10 cents; ½ pint, 15 cents; pint, 20 cents; quart, 35 cents.

White Rice. The most popular for general use.

Queen's Golden. Pops creamy white.

Silver Lace. The best white-grained variety.

EGG PLANT

When well grown, and sliced and fried in batter, this is a most delicious vegetable, and should find a place in every garden. It is a tender plant, requiring a strong uniform heat, and should be started in the hotbed early to mature its fruit in the Northern States. Care is necessary at transplanting and in the earlier stages of growth to prevent the young plants being chilled, for if they receive the least check they never recover. Those who have no hotbeds can sow a few seeds in boxes in the house where a temperature of 75° can be maintained. Plant out early in June two and a half feet apart. Hand glasses are useful for covering at time of transplanting. One ounce will produce about 1,500 plants.

Black Beauty. A distinct new Egg Plant of most remarkable merit. The fruit is quite as large as Improved N. Y. Purple, and from ten days to two weeks earlier than that variety. It is very attractive in appearance, and of excellent flavor. Packet, 10 cents; ½ oz., 25 cents; oz., 40 cents; ¼ lb., $1.10; lb., $4.00.

Black Pekin. Early and very prolific. Fruit nearly round; skin almost black, smooth, and glossy; flesh white, solid, and fine-grained. Packet, 10 cents; ½ oz., 20 cents; oz., 30 cents.

Improved New York Purple, Spineless. The standard for home use and market. Fruit very large, productive, and of the highest quality. Packet, 10 cts.; ½ oz., 20 cents; oz., 35 cents; ¼ lb., $1.00; lb., $3.50.

Early Long Purple. Eight or nine inches long. One of the earliest, and very productive. Packet, 5 cents; oz., 20 cents; lb., $2.00.

Round Purple. Of medium size, and very early. Packet, 5 cents; oz., 25 cents; lb., $2.70.

EGG PLANT, IMPROVED NEW YORK PURPLE, SPINELESS

CUCUMBERS

1—VICK'S PERFECTION WHITE SPINE 2—IMPROVED LONG GREEN
3—CHICAGO OR WESTERFIELD PICKLING

In this latitude it is useless to plant in open ground until nearly the first of June. Make hills two feet in diameter and about six feet apart, and enrich them with well-rotted manure. Plant a dozen or more seeds, covering half an inch deep. When all danger from insects is over, pull all but three or four of the strongest plants. The middle of June is early enough to plant for pickling. For early Cucumbers the hotbed is necessary; but the simplest and surest way to produce a tolerably early crop of the best kinds is to dig a hole about eighteen inches deep and three feet across; into this put a barrow of manure, and cover with a small box-like frame, on the top of which place a couple of lights of glass. These places can be prepared about five or six feet apart. Keep the earth drawn up to the stems. Water and give air. As long as fruit for the table is desired, do not let them go to seed, as this impairs the fruiting of the vine. Two specimens allowed to form seed will do more harm than two dozen for the table or pickling. Some of the smaller kinds are usually preferred for pickling, but Long Green is excellent for this purpose when young, and some pickling houses use White Spine exclusively. Use one ounce for fifty hills, and two pounds per acre when planted in hills.

The FOREIGN VARIETIES are of fine quality and of wonderful size, two feet or more in length, but they require a hotbed to help them along until the weather is warm. In Europe they are grown in glass houses.

Packet, 5 cents; oz., 10 cents; lb., $1.00; except as noted.

LEMON CUCUMBER

A new and entirely distinct type. Tender, Sweet, Crisp.

Many of the seedsmen of this country and Europe, who have tested its good qualities, are offering it. If you are fond of cucumbers, and want one that will almost melt in the mouth, try our new Lemon.

Our illustration is a good representation of the fruits. They are nearly round, with the yellow and green markings and smooth skin of the Lemon, while the flesh is exceedingly tender and crisp, with a sweet flavor surpassing all other Cucumbers. They have none of the bitter or acrid taste so generally found in Cucumbers. For slicing they excel, and are well adapted for serving whole upon the table. For pickling, ripe or green, one of the best and most attractive on account of their quaint form. They can also be used for Mangoes, the same as small Melons. They can be served green, but are at the best just as they are turning yellow. Size from two and a half to three inches in diameter, just right for one portion. **Packet, 10 cts.**

Vick's Perfection White Spine

Unrivaled in Shape, Size, Color and Productiveness

This most valuable strain is grown from stock seed produced on our own farm at Despatch, our selections being made from only the choicest and most perfect fruits. It excels in earliness, no other strain of the many varieties we have tested being equal to it. For forcing it is preferred to all others, except, perhaps, the forcing sorts; while for small pickles it is the very best White Spine Cucumber in cultivation. **Packet, 5 cents; oz., 15 cents; lb., $1.25.**

Improved Early White Spine. A well-known standard variety, very popular in all sections of the country. One of the best for the table. Flesh tender and crisp. Fruit uniform in size, straight and dark green, with few white spines.

Cool and Crisp. A strain of the White Spine, but longer and more cylindrical. Very early and exceedingly prolific. While it is esteemed most highly as a pickling sort, it is one of the very best for slicing, being tender, crisp, and of fine flavor.

Satisfaction. This is a beauty. In color it is a rich dark green, extending from tip to tip, and holding its color and quality for weeks after reaching its growth. It is very symmetrical in shape, of good size—from twelve to fourteen inches in length—solid, with very few seeds, making it an ideal slicer, and in its earlier stages of growth a perfect pickler. It is very robust in habit, the vines being wonderfully strong, and perfectly free from fungus diseases. **Packet, 10 cents; ½ oz., 25 cents; oz., 40 cents.**

Improved Long Green. A well-known standard variety, about twelve inches in length, of most excellent quality, and when young makes the best of pickles. When ripe it is the best of any for sweet pickles. Vines vigorous and very productive. Our strain of this valuable sort is unsurpassed by any. **Packet, 5 cents; oz., 15 cents; lb., $1.25.**

Giant Pera. This is the smoothest and handsomest Cucumber grown. It is a selection of the Long Green type, fifteen to eighteen inches in length, straight, tender, crisp, of excellent flavor, and with no trace of bitterness. The seed cavity is very small, and the seeds slow to form. **Packet, 10 cents; oz., 20 cents; lb., $2.00.**

Vick's Early Chinese. A variety of Cucumber remarkable for earliness, being two weeks earlier than other varieties. It is from one to two feet long, and of splendid quality. Color light green, turning to creamy white when ripe. **Sold in Packets only, 10 cents.**

White Pearl. This variety is by far the best of the white sorts. Ripens early and is very productive. Good for forcing, and quite attractive for table use. **Packet, 5 cents; oz., 15 cents; lb., $1.50.**

Chicago or Westerfield Pickling. A variety much esteemed above all others by Chicago market gardeners, and grown extensively for the large pickling establishments in that vicinity. Fruit medium length, pointed at each end, with large and prominent spines; color a deep green. It combines all the good qualities of an early Cucumber.

Green Prolific or Boston Pickling. A distinct variety. A favorite with pickle growers and commercial gardeners, and good for table use. Quite productive. Fruit small, uniform in size.

VICK'S CUCUMBERS—Continued

The Howard. A handsome and very productive forcing variety, making fruit of the finest quality and shape, with exceedingly small seed cavity. It is also an extra fine open-ground variety, combining the good qualities of Improved Long Green with the fine shape and color of the Arlington White Spine; in fact it is a cross between these two excellent varieties, and is used largely for forcing by our Rochester market gardeners, on account of its earliness, size, and rich dark green color. The growth is strong, with a bright green healthy foliage. **Packet, 10 cents; ½ oz., 25 cents; oz., 40 cents; ¼ lb., $1.25.**

Thorburn's Everbearing. Small size, very early, and enormously productive, and valuable as a green pickler. It continues to flower and produce fruit until killed by frost, whether the cucumbers are picked off or not. Remarkably solid, with very few seeds, and of fine quality. Invariably of perfect form, even when small. **Packet, 5 cents; oz., 15 cents; lb., $1.25.**

Nichol's Medium Green. A valuable and handsome variety, in shape between White Spine and Long Green. An excellent sort for pickles and useful for forcing. Very prolific. Fruit straight and smooth, full at both ends; color dark green; flesh tender and crisp.

Early Frame or Short Green. An excellent sort both for table use and for pickling. Fruit straight, handsome, smaller at each end, bright green; flesh tender and crisp, and makes fine pickles.

Early Green Cluster. A short pale green variety. Fruit borne in clusters near the root; rather prickly; containing few seeds. A very productive sort.

Early Russian. Earliest and hardiest small Cucumber in cultivation, being only three to four inches long; thick and oval in shape, and produced in pairs. Solid, with few seeds.

Emerald. Very productive and early. Shape of fruit much like White Spine, but color is a rich dark green through entire period of growth, and it is free from spines. Very crisp and solid. **Packet, 5 cents; oz., 15 cents; lb., $1.25.**

FOREIGN VARIETIES

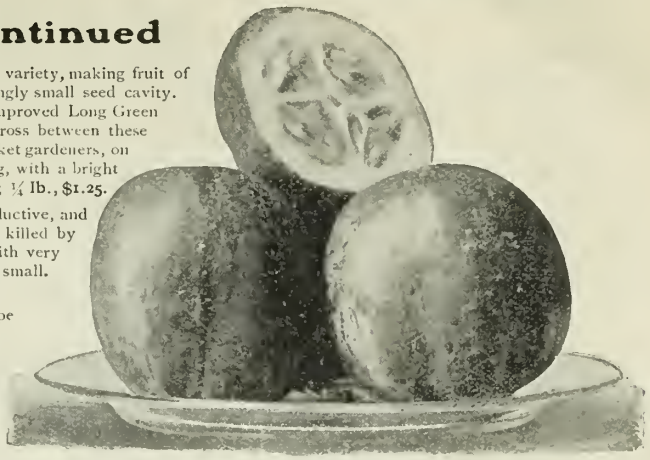
Japanese Climbing. A strong and vigorous grower; and while all Cucumbers are running or creeping vines, this variety attains nearly twice the length of ordinary sorts, and can be grown on trellises, fences, or poles. The fruits, from ten to twelve inches in length, are of excellent quality either for slicing or pickling. Bears abundantly throughout the season. **Packet, 10 cents; oz., 20 cents; lb., $2.00.**

Rollison's Telegraph. The very best of all imported sorts; twenty-six to thirty inches long. **Packet, 25 cents.**

Giant of Arnstadt. One of the finest; about two feet long; very productive. **Packet, 25 cents.**

Noa's Forcing. Most productive sort; thirty to thirty-six inches long. **Packet, 25 cents.**

CUCUMBER, THE HOWARD



CUCUMBER, LEMON

DANDELION

The Dandelion has become very popular as an early, healthful spring salad. Sow as early in spring as the weather will permit, in well-enriched soil, in rows eighteen inches apart, covering the seed one-fourth of an inch deep. Thin the plants to twelve inches apart. Keep clear of weeds, and the following spring the leaves will be fit to cut. One ounce is sufficient for 100 feet of drill.

Arlington. A favorite with the Boston marketmen. Leaves very finely cut and curled. **Packet, 10 cents; oz., 50 cents.**

Improved Thick-Leaved. Leaves thicker than Arlington and not so finely curled. **Packet, 10 cents; oz., 50 cents.**

Common. **Packet, 5 cents; oz., 25 cents.**

ENDIVE

Endive is an excellent autumn and winter salad. Sow seed late in the spring, or even as late as July, in shallow drills, fifteen inches apart, and when plants are strong, thin out to about a foot apart. To blanch, gather up the outer leaves over the center of the plant, and tie them together at their tips. Sow one ounce to 100 feet of drill.

Packet, 5 cents; oz., 15 cents; lb., $1.25.

Moss Curled. Foliage very dense and beautifully fringed.

Green Curled. The hardiest variety. Leaves dark green, finely cut, easily blanched to a fine white.

White Curled. Foliage somewhat coarser than the Green Curled, moderately dense, pale green.

Broad-Leaved Batavian. Leaves broad, thick, somewhat wrinkled.

HORSE RADISH

Horse Radish is grown from pieces of the roots. Mark off rows two and a half feet apart, in rich, moist, well prepared ground; set the pieces of roots eighteen inches apart in the rows, the small end down, and the top one to three inches below the surface. Cultivate thoroughly until the tops cover the ground, when their shade will keep the weeds down. **Small roots, 3 for 10 cents; per dozen, 25 cents, postpaid. By freight or express at purchaser's expense, 75 cents per 100.**

KOHL RABI

Kohl Rabi is sown for general crop in the spring, like the Turnip, in drills; or may be transplanted like Cabbage. For winter table use, sow middle of June. Gather when small and tender, as later it becomes tough and stringy. The stem, just above the surface of the ground, swells into a bulb something like a Turnip. One ounce will sow 200 feet of drill.

Early White Vienna. Delicate; much prized for forcing. **Packet, 5 cents; oz., 20 cents; lb., $2.00.**

Early Purple Vienna. Another forcing variety, similar to above except in color. **Packet, 5 cents; oz., 20 cents; lb., $2.00.**

Large Early White or Green. Used for feeding stock. **Packet, 5 cents; oz., 15 cents; lb., $1.50.**

Vick Quality

LETTUCE

Vick Quality

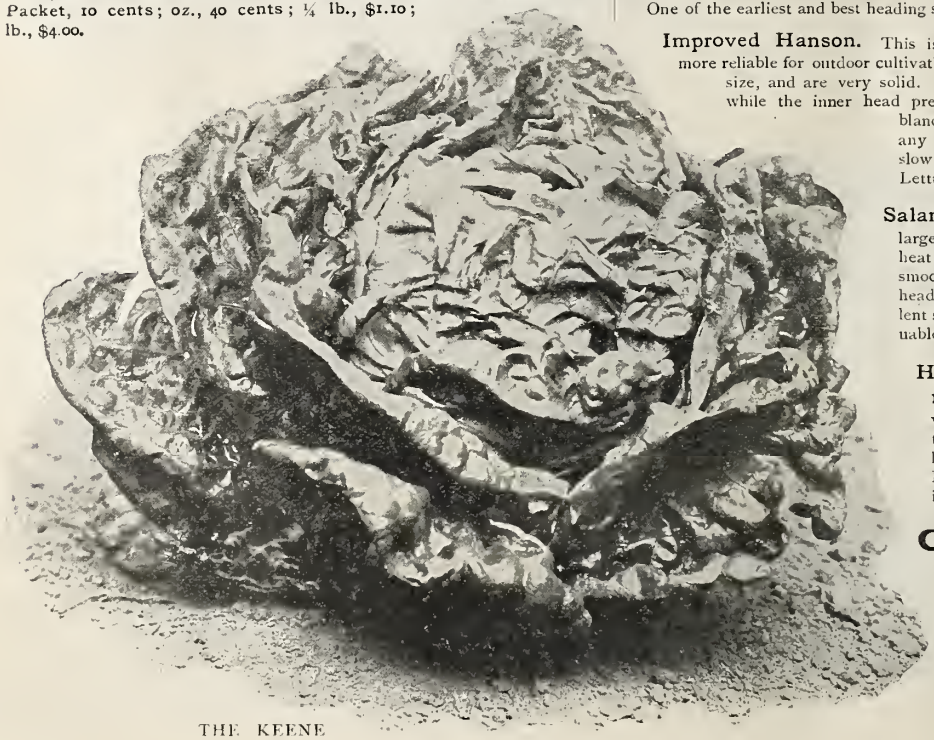
LETTUCE is divided into two classes; the Cabbage, with round head and broad, spreading leaves; and the Cos, with long head and erect, narrow leaves. The Cabbage varieties are the most tender and buttery, and the Cos the most crisp and refreshing. The Cabbage form has a subdivision called Curled, from the form of the leaves, having the habit of the Cabbage, though not forming solid heads, that are very pretty for garnishing, and considered by many the best in all respects. Sow in the open ground as early as possible, barely covering the seed. If the hotbed is used, let it be started quite early. Give but little heat and plenty of water and air on fine days. Let plants in the bed be about four inches apart. As they increase in size thin them out, or they will become weak. Lettuce generally runs to seed very early in the season, so that after warm weather sets in it is difficult to find a good head of Lettuce in most gardens. The remedy is to plant for late use in a cool, partially shaded place, in rich soil. One-half ounce will sow 100 feet of drill.

Packet, 5 cents; oz., 15 cents; ¼ lb., 35 cents; lb., $1.25; unless otherwise noted.

Cabbage or Heading Varieties

Vick's Premium Cabbage. The best variety we have ever grown; good solid head, keeping in good condition without going to seed longer than any other variety; excellent for all uses and seasons. **Packet, 5 cents; oz., 15 cents; ¼ lb., 40 cents; lb., $1.50.**

The Keene. Originated near Rochester, and is used extensively by our market gardeners for forcing under glass and for early spring planting out-of-doors. The color is a rich, bright green. It forms good-sized heads very quickly, and for this reason can be marketed weeks before the Boston Forcing and other popular market sorts. It is extremely hardy, and does not burn, or blight in any way. We are pleased to offer this excellent variety, knowing that it will give perfect satisfaction wherever grown. **Packet, 10 cents; oz., 40 cents; ¼ lb., $1.10; lb., $4.00.**



THE KEENE

Boston Forcing. A variety especially adapted to greenhouse and hotbed culture. It is much larger than the famous Boston Market, is a sure header, and is not liable to rot. It is the principle variety used for forcing by market gardeners in this vicinity. Not suitable for outdoor planting. **Packet, 5 cents; oz., 15 cents; ¼ lb., 40 cents; lb., $1.50.**

Crisp as Ice. A splendid and distinct Cabbage Lettuce, well adapted for family and home market use. The heads are of large size, handsome shape, and solid. When cut open they have a rich creamy yellow heart, and are so tender and brittle as to warrant the name, "Crisp as Ice." The leaves are thick and glossy, handsomely crimped and curled, the outside variegated with dark bronze and green.

Golden Queen. A fine early head Lettuce, and one of the best sorts for early outdoor planting as well as for growing under glass. The color is a beautiful golden yellow. The heads are so solid that there is no waste whatever, and really contain more substance than many varieties showing double the size. **Packet, 5 cts.; oz., 15 cts.; ¼ lb., 40 cts.; lb., $1.50.**

Vick's Royal. A fine new variety, largely used in the Paris markets. The seed we offer comes direct from the originator. It produces a medium-sized head of a beautiful golden color, crisp and tender. A grand acquisition. **Packet, 5 cents; oz., 15 cents; ¼ lb., 40 cents; lb., $1.50.**

Big Boston. A fine large-heading forcing sort, and succeeds well in cold-frames during the winter. The plants are very hardy and vigorous. When well grown, the heads are beautifully blanched and quite tender. Popular in the South as a winter Lettuce for shipping North.

Imperial White Cabbage. A splendid variety; excellent for family use and market. It is one of the very best for growing out-of-doors, as it withstands summer heat well, and remains a long time in the head. Heads large and extremely solid, of a light green color; very crisp, tender, and of first rate quality. In our estimation it is the best summer Lettuce in cultivation. It is shipped to eastern markets in large quantities.

Tennis Ball, or Boston Market. A well-known forcing variety. One of the earliest and best heading sorts.

Improved Hanson. This is a standard summer Lettuce; none more reliable for outdoor cultivation. The heads grow to a remarkable size, and are very solid. The outer leaves are a bright green, while the inner head presents a white appearance, as though blanched; tender and crisp, and free from any unpleasant bitter taste. It is very slow to seed, and is an ideal Summer Lettuce.

Salamander or Satisfaction. Forms large, solid, compact heads, resisting summer heat and remaining long in head. Leaves smooth, thick, and very tender; the inner head blanching almost white. An excellent spring, summer, or fall variety. Invaluable in the Southern States.

Hardy Green Winter or Hammersmith. This is an imported variety, and will stand the winter better than any of our domestic sorts. The leaves are thick and dark green in color. Much esteemed for salads and garnishing.

Curled or Loose-Leaved Varieties

Early Prize Head. Forms a large, loose head, stained with red; outer leaves curled; very crisp and tender; slow in running to seed.

LETTUCE, IMPERIAL WHITE CABBAGE

LETTUCE, CRISP AS ICE

LEEK

LETTUCE—Continued

Grand Rapids Forcing. There is no better forcing variety among the curled-leaved sorts than the Grand Rapids, and it is quite as good for outdoor culture as other sorts. Large, beautiful leaves, very crisp and tender. Twenty to thirty pounds have been raised from a common sash, and three crops taken off the ground. Frequently a house full of this Lettuce will average one-half pound to a plant, and occasionally a plant will weigh one and one-half pounds. It is excellent for shipping, and will insure sales at sight. The soil cannot well be too rich.

Black-Seeded Simpson. The most popular sort of all the non-heading varieties. One of the best for use under glass as well as for early outdoor planting. The plants form large, loose heads; outer leaves a light, yellowish green, with inner leaves blanched almost white. Resists the heat and remains long in a good edible condition. For this reason it makes a popular variety for all market gardeners' use.

Early Curled Simpson (Silesia). Forms a close compact mass of leaves that are large and broad, crimped and blistered, and light green in color. Not desirable for forcing with bottom heat. It is however recommended for planting in cold frames, and extensively grown in the open.

Paris White Cos. The Cos Lettuces are quite distinct, and are popular on account of their tender crisp leaves and delicious flavor. The leaves are long and narrow, and need to be tied up, when they soon form solid heads, and bleach snow white.

OTHER STANDARD VARIETIES OF LETTUCE

Thick-head Yellow, Deacon, Denver Market.

LEEK

The Leek is a mild onion-like plant. It is prized for soups, and is thought to be superior to the Onion for this purpose. Sow early in April, in drills, covering the seed half an inch deep. When the plants are about the size of goose quills, transplant to a deep rich soil, in rows one foot apart, and five inches apart in the row, setting the roots deep, so that the neck may be covered and blanched. Draw the earth up to them as they grow. The soil for Leeks can hardly be made too rich. One ounce of seed will sow 100 feet of drill.

Broad Flag. An old favorite. Large, hardy, and productive. Packet, 5 cents; oz., 15 cents; lb., $1.25.

Musselburg The largest variety. Hardy. Flavor very mild. Packet, 5 cents; oz., 15 cents; lb., $1.25.

MUSHROOMS

Mushrooms can be grown in any dark room or cellar, where the temperature can be maintained at 50° to 60°. From old pastures procure the soil, and store it away. To one bushel of this soil add two bushels of fresh horse manure. Of this well-mixed compound prepare a bed, say four feet wide. Put down a thin layer and pound it down hard, and go on until you have a bed eight inches thick. It will soon become pretty hot, but let the heat recede until it is only 85° or 90°. Then make holes, say a foot apart, and put in the spawn, two or three pieces as large as a walnut in each hole. Cover the holes and press the soil solid and smooth. Let the bed remain in this condition about twelve days; then cover it with two inches of fresh loam, and over this place four or five inches of hay or straw, and the work is done. If the temperature is right, in six or eight weeks you may expect Mushrooms. The bed will continue bearing from twenty to thirty days. After the first crop is gathered, spread over the bed an inch of fresh soil, moisten with warm water, and cover with hay as before. Success is not always certain with the amateur, and is usually to be attained only after more or less experience. One pound of spawn is enough for a bed 3 x 6 feet.

Mushroom Spawn, English. One pound, by mail, 25 cents; eight lbs., by express, not prepaid, $1.00.

MUSTARD

Very hardy. Seed can be sown as soon as the soil is free from frost, in shallow drills. Cut when a few inches high. It grows rapidly, and several sowings may be made. The young leaves are used for spring salad.

Ostrich Plume. Exceedingly ornamental as well as useful. The leaves are long, ruffled and frilled, and curved as gracefully as an ostrich plume. For salad it is better than any other variety, and for boiling it is superior to spinach. Packet, 10 cents.

White. Fine for salad or culinary purposes. Packet, 5 cents; oz. 10 cents; ¼ lb., 15 cents; ½ lb., 25 cents; lb., 40 cents.

Giant Southern Curled. The favorite in the South. Continues to yield until frosty weather. Packet, 5 cents; oz., 10 cents; lb., 75 cents.

MUSKMELON

Vick Quality

THE Muskmelon can be successfully grown in a much larger territory than the Watermelon. It does not require so long a season for maturing its fruit as does the latter, and therefore can be planted in more northern latitudes. Neither does it require the warm sandy soil of the Watermelon. It can be grown in colder and heavier soils with but little manuring, which should be placed in each hill. The hills should be six feet apart. Do not plant until the ground has become warm and dry. One ounce will plant fifty hills. Two pounds are sufficient for an acre, when planted in hills.

Packet, 5 cents; oz., 15 cents; ¼ lb., 40 cents; lb., $1.25; except as noted.

MUSKMELON, VICK'S IRONDEQUOIT

LARGE VARIETIES

Vick's Irondequoit. Of all the varieties of Muskmelon that have ever been introduced none has acquired such popularity or been so generally admired as the **Irondequoit**. When in season it holds the market to the exclusion of all others; and gardeners, truckers, home-growers, and buyers unanimously pronounce it the finest in appearance, best flavored, and for all purposes the peer of Muskmelons. Our illustration shows a perfect melon. In form it is nearly round, slightly flattened at the ends, and is of good size. Its fine netted skin, yellow when ready for picking, and its beautiful dark orange-colored flesh, added to its rich, rare, and spicy flavor, at once places the **Irondequoit** far in advance of all others. **Packet, 10 cents; oz., 40 cents; ¼ lb., $1.20; lb., $4.00.**

Extra Early Hackensack. This is a very popular sort, producing large, handsome, and extra early Melons of the very best quality. It is some two weeks earlier and almost as large in size as the once famous New Jersey Hackensack. Fruit nearly round, deeply ribbed, and very coarsely netted. The flesh is green, of most delicious flavor. **Packet, 5 cents; oz., 15 cents; ¼ lb., 45 cents; lb., $1.50.**

Montreal Nutmeg. Fruit of the largest size, often attaining a weight of fifteen to twenty pounds. Shape nearly round, flattened at the ends, deeply ribbed; flesh remarkably thick, green, melting, and of the finest flavor. **Packet, 5 cents; oz., 15 cents; ¼ lb., 45 cents; lb., $1.50.**

MEDIUM-SIZED VARIETIES

Vick's Prolific Nutmeg. In these three most important characteristics, viz., *Earliness, Quality, Productiveness,* the "Prolific Nutmeg" stands at the head of the list. The vines are hardy and vigorous. Fruit medium size, round, slightly flattened at both ends, ribbed, with distinct netting; flesh green, thick, solid, and of delicious, spicy flavor.

MUSKMELON, ROCKY FORD

Osage, or Miller's Cream. A remarkably fine variety, and a very profitable sort for market gardeners, as it is fully established as a standard sort, and will ever remain so. It is of medium size, oval in form, dark green in color, handsomely netted, and slightly ribbed. The flesh is extremely and uniformly thick, of firm texture, rich salmon in color, highly flavored and delicious to the rind. Cavity very small. It is a remarkable keeper and a good shipping Melon.

Cosmopolitan. One of the prettiest of the green-fleshed Melons. Fruit slightly oval, without ribs; light green in color, covered at maturity with dense silver-gray netting. Flesh green, firm, sweet, and highly flavored.

SMALL VARIETIES

Rocky Ford. This is the most popular of the small Melons, being extensively grown and shipped in car-loads to all the larger markets. It is one of the finest early Melons, and one of the best for market gardeners and shippers as well as for the home garden. It is oval in shape, slightly ribbed, and covered with a coarse netting. The flesh is thick, green in color, very sweet and juicy, and solid clear to the rind.

Emerald Gem. The fruit of this really pretty Melon is small to medium, globular in form, flattened at the blossom and stem ends; skin smooth and slightly ribbed. It shows a rich emerald green color with narrow stripes of a light green in the ribs. Flesh very thick, ripening close to the rind, of a deep, rich, salmon color, deliciously flavored and of superior quality. The fruit should be picked as soon as it will separate readily from the vine, and kept in a cool place until needed. If left on the vine the skin becomes yellow, and the flesh soft and tasteless.

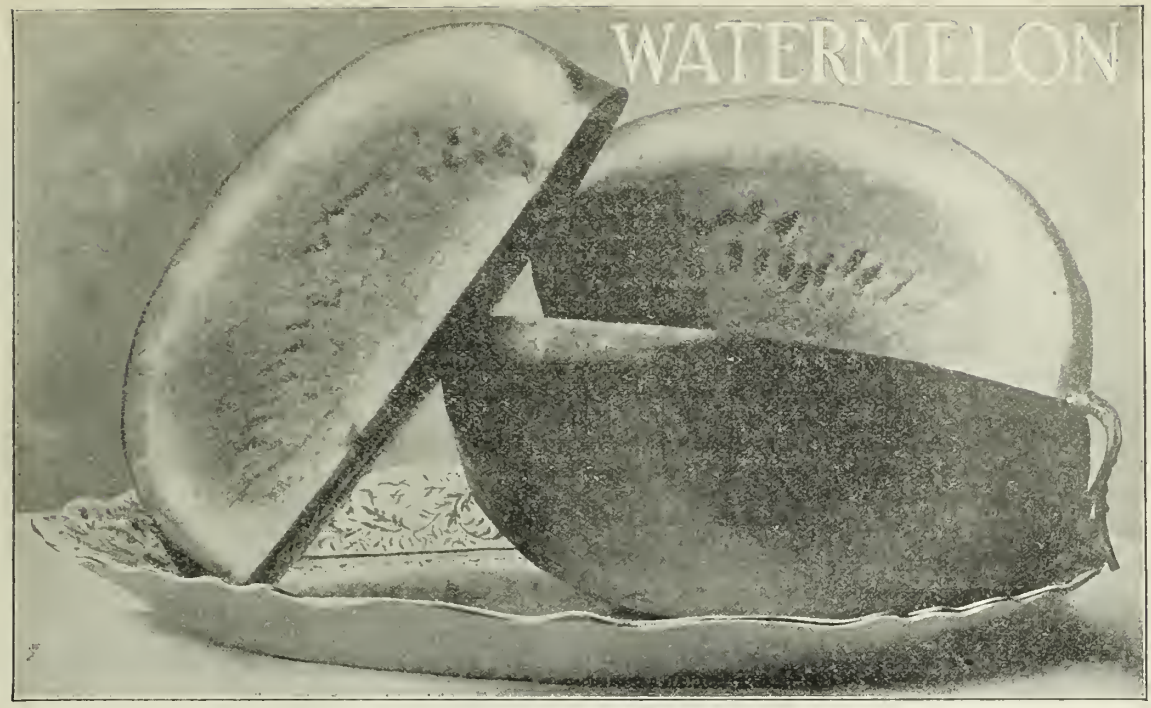
Paul Rose or Petosky. This new sort has given perfect satisfaction to all growers, both for market and home garden. It is a cross between the Osage and the Netted Gem, combining the sweetness of the former with the fine gray netting of the latter, making it a handsome Melon. The fruit averages about five inches in diameter, and is oval in form. The flesh is thick and firm, a deep salmon or orange color; most delicious and appetizing. It is a fine shipping variety, and is sought after in all the leading markets of the country.

Golden Netted Gem. A small extra early variety maturing at same time as Jenny Lind. It is very uniform in size, handsomely netted, and of globular shape. Flesh a light green, and possesses the spicy flavor so much desired in the Muskmelon. A popular variety with market gardeners.

Jenny Lind. This is one of the oldest varieties of Muskmelon. The fruit is small and round, flat on both ends, deeply lobed, and finely netted. The flesh is green and luscious. It comes into market first of all.

OTHER STANDARD VARIETIES OF MUSKMELON

Banquet — Champion Market — Columbus
Large Hackensack — McCotter's Pride — Surprise
Melrose — Tip Top



WATERMELON, SWEET HEART

Plant in hills eight to ten feet apart. The same culture as recommended for Cucumbers will insure success. One ounce of seed will plant thirty hills, and three pounds an acre.

Packet, 5 cents; oz., 10 cents; ¼ lb., 25 cents; lb., 75 cents; except as noted.

Cole's Early. This is a leader in Watermelons—one of the finest for the amateur and for the home market. It is not only the earliest variety in cultivation, but continues to bear enormously throughout the season. The fruit is nearly round; rind thin and brittle, hence not desirable for shipping; flesh deep red and of extremely delicate texture, sweet, juicy, and delicious.

Sweet Heart. One of the very best varieties for home garden or shipping, of the large size, nearly globular in shape; skin a bright, beautiful, mottled green; rind thin; flesh bright red, firm, and solid to the center, heavy, but crisp, melting, and exceedingly sweet. A good keeper, and improves in quality for a long time after ripening. Vine vigorous and productive, ripening its fruit early.

Florida Favorite. An excellent variety of large size. Shape oblong; skin mottled with alternate dark and light green stripes; rind thin but firm; flesh bright crimson, very crisp, and deliciously sweet. Ripens ten days earlier than Kolb's Gem or Mammoth Ironclad.

McIvor's Wonderful Sugar. This is of Southern origin, and is one of the very best Melons in cultivation. It excels in both beauty and lusciousness, being exceedingly sweet and juicy. The Melons attain great weight and size; oblong in shape, the rind showing broad stripes of light and dark green. The flesh is a rosy pink, perfectly solid, crisp, and of delicious flavor.

Dixie. A decidedly popular Melon. A cross between the Kolb's Gem and the old reliable Mountain Sweet. It surpasses the Kolb's Gem as a long-distance shipping Melon, while it fully equals the Mountain Sweet in its excellent flavor, and is ten to twelve days earlier than either. In shape about one-third longer than thick; color of skin dark green and beautifully striped; rind thin, but remarkably hard; flesh bright scarlet, sweet and juicy.

Hleckley Sweets. This variety is one of the finest-flavored Melons grown. The fruits oblong in form, eighteen to twenty inches long, and ten to twelve inches in diameter; skin dark green; flesh bright red, extremely sweet, melting, and luscious. Ripens close to the rind, which is only about one-half inch in thickness. Not a shipper, but highly recommended for the home market and family garden. **Packet, 5 cents; oz., 10 cents; ¼ lb., 30 cents; lb., $1.00.**

Vick's Early. This variety is prized for its earliness. It is oblong in shape, smooth, with a very dark skin, rather small in size; flesh bright pink, solid, and sweet. It makes a good extra early market or home garden Melon.

Kolb's Gem. Extensively grown, particularly in the South for shipment to Northern markets. Fruit uniformly large and nearly round, mottled and striped with light and dark green; flesh a bright red, and while somewhat coarse, does not detract from its delicious sugary flavor. The outer shell is very hard and firm, which makes it a standard sort for shipping long distances.

Ice Cream or Peerless. The old but extremely popular home market Melon. Medium in size, almost round; the skin a pale green; flesh bright scarlet, fine-grained, solid to the center, sweet, crisp, and melting. Its delicious flavor entitles it to the name of **Peerless.**

Prize Jumbo. Immense in size. The common weight of this Melon is sixty to eighty pounds. The rind is hard and firm, which makes it a superior variety for long-distance shipping. In shape it is nearly round; color solid dark green; flesh deep red and of fine quality.

Mammoth Ironclad. This variety, like the preceding, grows to an immense size. It is a remarkably strong grower, very productive, and an excellent keeper. The skin is beautifully striped with light green. The hardness and tenacity of its shell gives it the name of Ironclad. Flesh bright red, solid, crisp, and of excellent flavor.

Jordan's Gray Monarch (Long White Iceing). This variety has been grown to weigh fifty to sixty pounds. Skin light green, mottled; flesh deep red, and of very fine quality.

Georgia Rattlesnake. One of the largest varieties, and stands shipment long distances. Fruit of good size, oblong in form, distinctly striped and mottled light and dark green; flesh bright scarlet and of excellent quality. An old and very popular sort.

Citron for Preserves. This variety grows uniformly round and smooth. It has a handsomely striped and marbled skin of light green. Used only for preserves and pickles, and not for eating in the raw state. Very prolific. **Packet, 5 cents; oz., 10 cents; ¼ lb., 25 cents; lb., $1.00.**

OTHER VARIETIES OF WATERMELON

Which we can supply at the uniform price of: Packet, 5 cents; oz., 10 cents; ¼ lb., 25 cents; lb., 75 cents.

Black Diamond, Fordhook Early, Mountain Sweet. Cuban Queen, Seminole.

ONIONS

Vick Quality

ONIONS must have a clean and very rich soil; it is useless to attempt to grow them on a poor, unsuitable one. A liberal use of manure is more essential to this than to any other crop. It should be of the best quality, well fermented, and thoroughly worked over during the previous summer. If it is too rank it is liable to make soft onions, with many scallions. Any of the high grade commercial fertilizers are good for ordinary soils, and fine ground bone will often benefit soils that are already very rich. Get the seed in as early as possible in the spring, no matter if it is cold and unpleasant. A week too late in sowing makes the difference between a good and a bad harvest. If Onions do not get a good growth before hot, dry weather, the crop is sure to be a failure. Sow in drills, not less than a foot apart nor more than half an inch deep. Keep the soil mellow and clear of weeds. Three days of neglect when the weeds are growing rapidly will sometimes ruin a crop. In cultivating to destroy weeds and keep the ground mellow, do not cover the young bulbs with earth. As Onions grow on the top of the ground, they may be allowed to remain pretty thick, no matter if they crowd each other. With proper manuring, Onions can be grown on the same land for a score of years, and it will become cleaner and better every year. One ounce will plant 100 feet of drill, or five pounds per acre. It has been found difficult to grow Onions from seed in the South, while from SETS good crops are grown, and quite early. These sets are little Onions, grown the previous year, and taken up when as large as Peas. Set out in the spring they soon form large Onions. There are two other kinds of Onions that are not grown from seed, the POTATO and TOP Onions. The POTATO Onion grows in clusters, under ground; bulbs are planted in spring and produce large Onions; the large Onions are planted the next spring and produce the clusters. The TOP Onion produces small clusters at the top of the stem; the small Onions are planted in the following spring, and the result is full grown Onions; and these large ones, with one year's growth, produce the clusters on the top for seed.

PROFITABLE AMERICAN VARIETIES.—The Onion is such an important crop to large growers, and the preparation of the soil and culture so expensive, and consequently a failure from bad seed or other causes is so disastrous, that long ago we determined to sell no seed except what we knew to be new, true, and good. The Onion crop is usually exceedingly profitable, ranging from 300 to 500 bushels per acre, according to richness of soil, culture, etc.

When large quantities are desired, write for special prices

Michigan Yellow Globe. This variety is a selection from the Yellow Globe Danvers made for the purpose of securing a "black land" Onion, and for this purpose it is a decided success. It is of a perfect globe shape, slightly darker in color than Danvers, a heavy cropper, and first-class keeper. Packet, 10 cents; oz., 25 cents; ¼ lb., 60 cents; lb., $2.25.

Southport Yellow Globe. This variety has the same general characteristics as the Southport White and Red Globe, but yellow in color. It is entirely distinct from the Danvers type. The flesh is white and mild in flavor. It is quite productive and a good keeper. It is a handsome Onion, like all the Southport shapes; and they always command a high price in the Eastern markets. Packet, 10 cents; oz., 25 cents; ¼ lb., 75 cents; lb., $2.50.

Danvers Yellow Globe. There are almost as many different strains of this variety as there are letters in the alphabet; the variations (however slight they may be) occurring in the size, color, form, earliness, and productiveness. We justly claim that our strain is the most uniform in size, perfect in form, brightest in color, as early as the earliest, and unsurpassed as a cropper. Packet, 10 cents; oz., 25 cents; ¼ lb., 75 cents; lb., $2.50.

Round Yellow Danvers. Perfect in shape and color, and the same strain as sold by many seedsmen as the best stock of Yellow Globe Danvers. Packet, 10 cents; oz., 20 cents; ¼ lb., 60 cents; lb., $2.00.

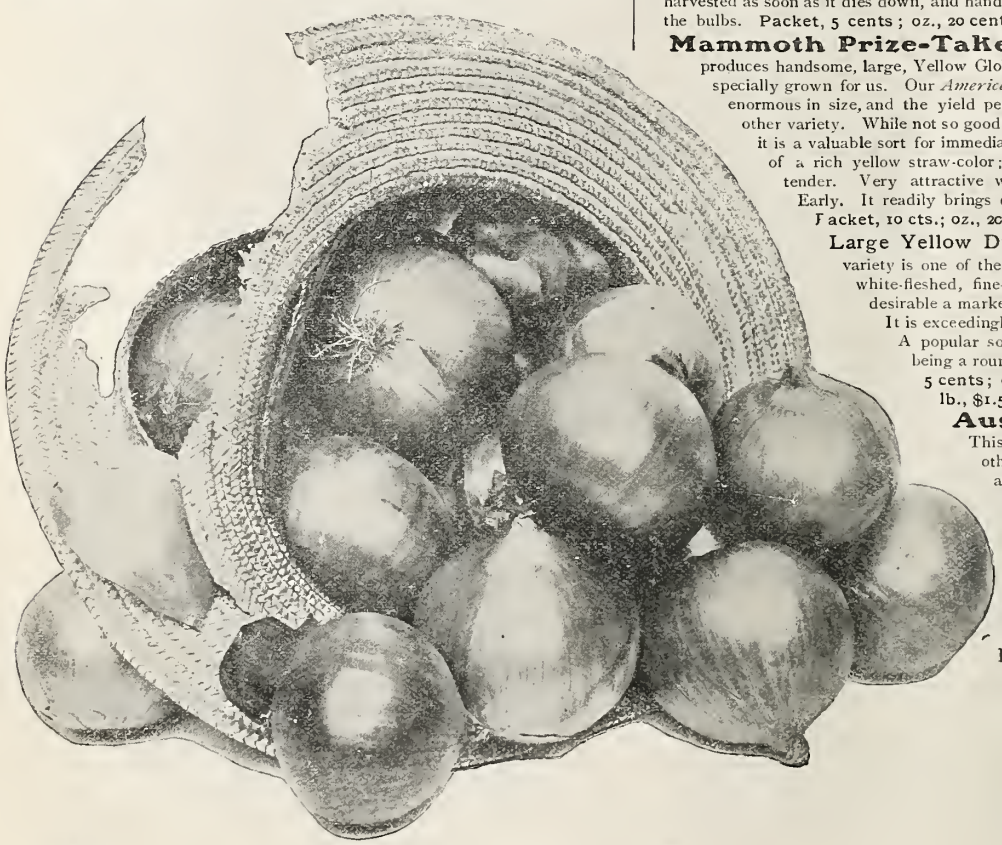
Early Yellow Cracker. Earliest of all yellow sorts, of superior quality, and an excellent variety to raise where the seasons are short. Needs to be harvested as soon as it dies down, and handled carefully to prevent bruising the bulbs. Packet, 5 cents; oz., 20 cents; ¼ lb., 50 cents; lb., $1.75.

Mammoth Prize-Taker. Genuine seed of this variety produces handsome, large, Yellow Globe Onions. Our seed we have specially grown for us. Our *American Grown Seed* produces bulbs enormous in size, and the yield per acre is larger than that of any other variety. While not so good a keeper as our Yellow Danvers, it is a valuable sort for immediate or early fall use. The skin is of a rich yellow straw-color; flesh white, sweet, mild, and tender. Very attractive when crated, as generally sold. Early. It readily brings double the price of other sorts. Packet, 10 cts.; oz., 20 cts.; ¼ lb., 60 cts.; lb., $2.00.

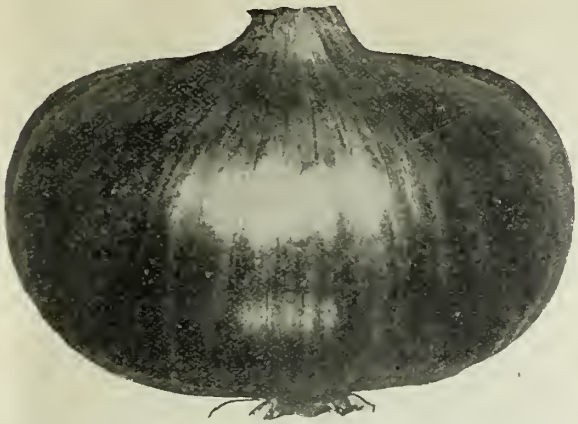
Large Yellow Dutch or Strasburg. This variety is one of the old standard sorts. It is flat, white-fleshed, fine-grained, and mild; not quite so desirable a market variety on account of its shape. It is exceedingly productive and a good keeper. A popular sort for growing sets, the product being a round, bright, smooth set. Packet, 5 cents; oz., 15 cents; ¼ lb., 50 cents; lb., $1.50.

Australian Brown. This new sort is distinct from all other Onions. It is uniform in size and shape, wonderfully hard and solid; and will keep almost indefinitely. Ripens extremely early, and never makes scallions. It is of medium size, round, with skin of a deep amber-brown; flesh mild and agreeable. Packet, 5 cts.; oz., 15 cts.; ¼ lb., 50 cents; lb., $1.50.

Extra Early Flat Red. The earliest of the red sorts, coming into use from ten days to two weeks earlier than the Red Wethersfield. It is adapted to cold, damp, or mucky soils, where other varieties fail to produce large-sized Onions. Packet, 5 cts.; oz., 15 cts.; ¼ lb., 50 cts.; lb $1.60.



ONION, DANVERS YELLOW GLOBE



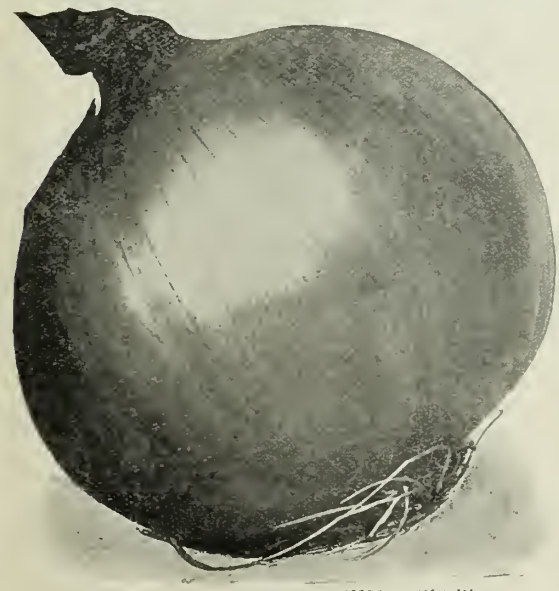
Large Red Wethersfield. The standard red variety, and, owing to its great productiveness, the most profitable red Onion for the market gardener. Form somewhat flattened, skin a deep purplish red, flesh purplish white. The best variety for poor or dry soils. **Packet, 10 cents; oz., 20 cents; ¼ lb., 60 cents; lb., $2.00.**

Southport Large Red Globe. Our strain is unsurpassed; it is used for growing the exceedingly fine large bulbs seen in the New York markets. Its beautiful form makes it extremely desirable. It produces large crops on favorable soils, and is a good keeper. **Packet, 10 cents; oz., 20 cents; ¼ lb., 60 cents; lb., $2.00.**

Southport Early Red Globe. The Massachusetts introducer of this strain says: "It is so early it can be planted with safety wherever the Danvers will mature." It differs from the Standard Red Globe in being much rounder. Hardly as good a keeper as the Red Globe. Excellent for fall and winter use. **Packet, 10 cents; oz., 20 cents; ¼ lb., 60 cents; lb., $2.00.**

Southport White Globe. Handsome, large-sized, globular in form. Skin and flesh a pure white. The demand at all times being fully up to the supply, the grower is well repaid for all expense and labor. To succeed in producing good pure white Onions, the crop should be pulled just as the stalks begin to fall down, and then allow them to dry off in the open air, keeping them free from rain or dew, which would cause discoloration of the bulbs. **Packet, 10 cents; oz., 25 cents; ¼ lb., 80 cents; lb., $2.75.**

White Portugal or American Silver Skin. A large flat white Onion of exceedingly mild flavor. It is a popular sort, and when young excellent for bunching or for pickles. It is also especially adapted for growing sets. **Packet, 10 cents; oz., 25 cents; ¼ lb., 75 cents; lb., $2.50.**



ONION, SOUTHPORT WHITE GLOBE

ITALIAN ONIONS

The following Italian varieties have been used for years in this country, and have given perfect satisfaction. The flavor of the Italian sorts is mild and well adapted for all culinary purposes. Seed should be sown thicker than that of the American sorts.

Mammoth White Garganus or Silver King. This is a mammoth in size and the largest in cultivation. The bulbs are very attractive in form, fine-shaped, flattened but thick, with a silvery white skin. The flesh is snow-white, fine-grained, exceedingly mild, and of pleasant flavor. It matures quite early. **Packet, 5 cents; oz., 20 cents; ¼ lb., 50 cents; lb., $1.75.**

Large White Flat Italian Tripoli. A handsome, large, pure snow-white, flat Onion, mild and of excellent flavor. If seed is sown early in hot-bed and transplanted, they grow to a large size. **Packet, 5 cents; oz., 15 cents; ¼ lb., 50 cents; lb., $1.50.**

Large Blood Red Italian Tripoli. Same as preceding, except in color, which is a bright dark red. Used in the South when the Bermuda sorts cannot be had. **Packet, 5 cents; oz., 15 cents; ¼ lb., 50 cents; lb., $1.50.**

Large Pompeii. Color reddish brown; flesh extra fine in quality, and pure white. In shape it resembles the Silver King, and is about the same size. It is beautiful in form and color, and is one of the best for the South and California. **Packet, 5 cents; oz., 15 cents; ¼ lb., 50 cents; lb., $1.50.**

Giant Rocca of Naples. A very large-growing, globe-shaped variety. The skin is reddish brown in color; flesh very mild and sweet-flavored. **Packet, 5 cents; oz., 15 cents; ¼ lb., 50 cents; lb., $1.50.**

Early Flat White Italian Tripoli. A very rapid grower, exceedingly early, snow white skin; mild and fine-flavored; a splendid sort for the home garden. **Packet 5 cents; oz., 15 cents; ¼ lb., 50 cents; lb., $1.50.**

Neapolitan Marzajola. A beautiful medium-sized Onion, with silvery white skin. It is an extra early sort, and one that has always given the best of satisfaction. **Packet, 5 cts.; oz., 15 cts.; ¼ lb., 50 cts.; lb., $1.50.**

White Pearl. Although this variety was originally from Europe, it is now entitled to rank as an American variety. It is a pure silvery white Onion, of very quick growth, frequently maturing in seventy days from sowing the seed. The bulbs are flattened, of medium size; flesh crisp and mild in flavor. **Packet, 5 cents; oz., 20 cents; ¼ lb., 60 cents; lb., $2.00.**

White Queen. A rapid-growing variety, of mild flavor; pure white, and splendid for pickling. They grow small, and can be sown thickly. It is best to dry the onions as soon as dug. **Packet, 5 cents; oz., 20 cents; ¼ lb., 60 cents; lb., $2.00.**

Barletta. This is an extra early, very small, round, hard, and handsome variety, similar to White Queen. The color is a beautiful waxy white; flavor mild and delicate. It is the Onion used in all famous pickle factories in our own country. A favorite for the home garden, as bulbs grown from seed will mature as early as those raised from the ordinary Onion sets. **Packet, 5 cents; oz., 20 cents; ¼ lb., 60 cents; lb., $2.00.**

White Bermuda (Teneriffe grown). The Bermudas are the earliest Onions in the market, and are grown extensively in the South. Outer skin straw color, flesh pure white. **Packet, 10 cents; oz., 30 cents; ¼ lb., 75 cents; lb., $2.75.**

Red Bermuda. Similar to the white, but with red skin. **Packet, 10 cents; oz., 25 cents; ¼ lb., 70 cents; lb., $2.50.**

ONION SETS

Onion sets should be planted as early as the ground is in condition to work, in rows 12 to 15 inches apart, with sets two inches apart in the rows. Green Onions for bunching come in very early, while the crop of large bulbs matures very much earlier than if planted from seed.

English Multipliers or Potato Onion. Quart, 30 cents; peck, $1.00; bushel, $3.50.

Yellow Bottom Sets. Quart, 30 cents; peck, $1.00; bushel, $3.00.

White Bottom Sets. Quart, 30 cents; peck, $1.25; bushel, $3.50.

EGYPTIAN OR PERENNIAL TREE ONION SETS

The young sets of these are produced on top of the stalks. As they cannot be kept out of ground over winter they must be planted in the fall; therefore, orders for them should be given in the spring for delivery next autumn. When once set out, they will come up year after year as soon as frost is over. They need no protection; grow rapidly, and are very productive, sweet and tender. **Quart, 25 cents; peck, 60 cents; bushel, $2.00.**

At quart prices we prepay postage. Bushel and peck delivered at freight or express office, Rochester.

THE Pea is very hardy, and will endure a great amount of cold, either in or above the ground; and it is well to sow some of the earliest varieties as soon as possible,—the sooner the better,—in warm light soil, prepared the previous autumn. The general crop may be sown about two weeks later, and on somewhat heavier soil. Avoid fresh manure and very rich soil, as they cause the vines to grow too rank. Sow Peas in drills about four inches deep. The drills must not be nearer than two feet, except for the lowest sorts. Those growing three feet high or more should not be nearer than three or four feet, and should have brush for their support. One pint will sow forty feet of drill; two bushels for an acre, in drills three feet apart.

Packet, 10 cents; ½ pint, 15 cents; pint, 25 cents; quart, 40 cents; except as noted.

Our patrons will please bear in mind that *we prepay postage.*

For quantities larger than here quoted, see page 37.

Extra Early Sorts

Alaska. A smooth blue Pea, the earliest of all the extra early varieties; good flavor; pods dark green, well filled and ripen uniformly. One of the very best for market gardeners. Vines two and one-half feet high.

Vick's Selected Extra Early. The earliest of the early white Peas; unsurpassed either for market or family use; of excellent quality; unusually productive for so early a variety. Vines two and one-half feet high.

New Surprise. One of the earliest wrinkled Peas in the market. Vines grow about two feet high, are vigorous and need no bushing; pods well filled, containing about six or seven peas, which are exceedingly tender, sweet, and fine-flavored. **Packet, 10 cts.; ½ pt., 15 cts.; pt., 25 cts.; qt., 45 cts.**

Gradus (Prosperity). As an extra early Pea, the Gradus, being a sugar Pea, is far superior to all smooth varieties, not only in its delicious quality, but also in the long pods. While the early smooth varieties contain but four to five peas to the pod, the Gradus usually contains from eight to twelve. **Packet, 10 cents; ½ pt., 20 cents; pt., 35 cents; qt., 60 cents.**

Nott's Excelsior. An extra early dwarf, green, wrinkled sort. The peas are superior in sweetness and quality; the vines larger and more vigorous than American Wonder, and yield one quarter more in shelled peas. **Packet, 10 cents; ½ pt., 15 cents; pt., 25 cents; qt., 50 cents.**

Bliss' American Wonder is one of the very best of the earliest wrinkled Peas in cultivation, and a superior cropper, bearing large, well-filled pods, having from six to nine large peas in a pod. The vines are ten to twelve inches high, and of robust habit. A fine variety for the home garden. **Packet, 10 cents; ½ pt., 15 cents; pt., 25 cents; qt., 45 cents.**

PEA, VICK'S SELECTED EXTRA EARLY

PEA, THOMAS LAXTON

"VICK QUALITY" SEEDS

Always Give Satisfaction

MAZOMNIE, WIS., 6–13, '05

Again I must say Vick's Seeds are what they are claimed to be. None of the seed I bought elsewhere came up. I have fine results from your seeds and plants. Every one says: "Next year you must send for our seeds too."

It was the same way with the seeds I receive every year from Washington. They were not worth bringing home from the post office.

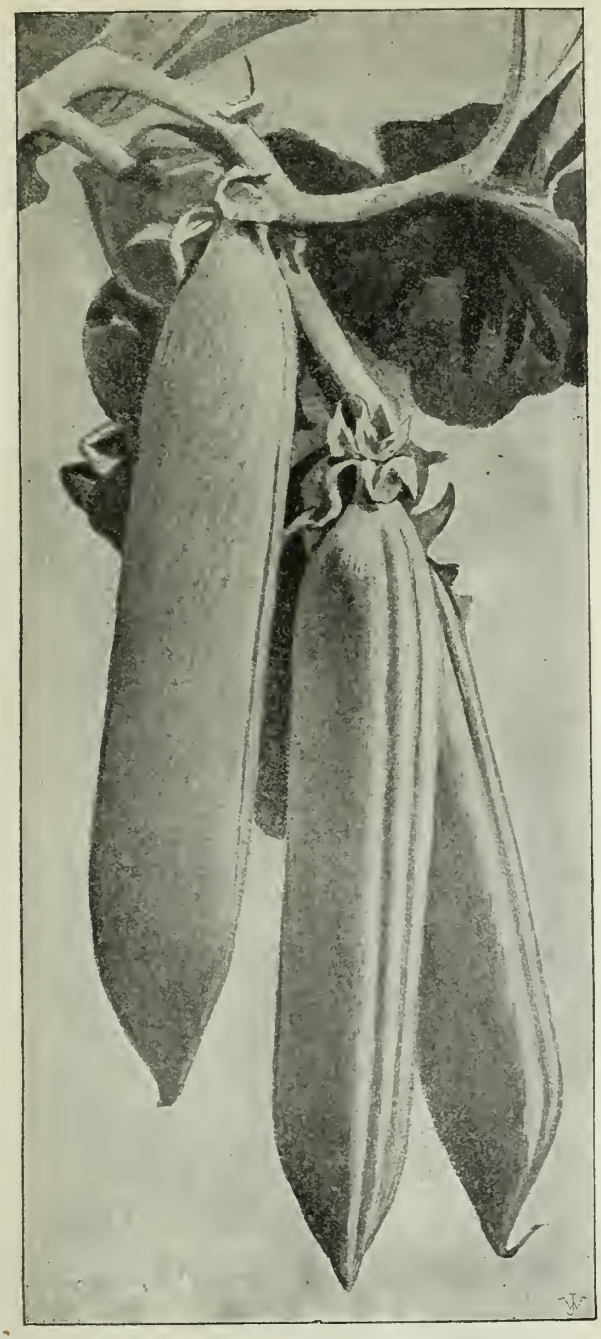
If I am alive next year I hope to have a large order. I am now seventy-two years old. I hope I have not put you to very great trouble with my writing. I have been a customer of yours ever since 1853.

Respectfully,
DORA ANTELMAN.

Thomas Laxton. This new Pea outranks all other extra early wrinkled varieties in hardiness and productiveness. It was obtained by crossing the Gradus with a very early seedling of the "Earliest of All" type. It has all the delicious sweetness of the Gradus and comes into use full as early as any of the "Extra Earlies." In addition, it is of stronger constitution than the Gradus, is hardier, and therefore can be planted earlier. It is more prolific, the yield of peas to the quantity of pods gathered being quite phenomenal. The pods are large and shapely, of a rich dark green color, and filled from end to end with seven to eight very large white-seeded, wrinkled sugar peas, the flavor of which is unsurpassed by any other Pea in cultivation. The vines are strong and hardy and from three to three and one-half feet in height. **Packet, 10 cts.; ½ pt., 20 cts.; pt., 35 cts.; qt., 60 cts.**

Extra Early Premium Gem. A great improvement over McLean's Little Gem, having larger pods and being more productive. A fine dwarf, green, wrinkled variety, fifteen inches high. **Packet, 10 cents; ½ pt., 15 cents; pt., 25 cents; qt., 45 cents.**

Vick's King of the Dwarfs. In season closely follows Premium Gem. On careful comparison with all the principal dwarf varieties, all planted at the same time, on the same soil, with equal cultivation, we find it outyields them all by twenty per cent. It is a cross between American Wonder and Little Gem. Quality of the very best. The vines are eighteen inches high. **Packet, 10 cents; ½ pt., 15 cents; pt., 25 cents; qt., 45 cents.**



PEA, VICK'S DAISY

PEAS—Second Early Sorts

Vick's Daisy. The Daisy is a second early Pea of robust habit; vines two feet in height, bearing an abundance of well-filled pods containing seven to nine large and deliciously-flavored peas. It is one of the finest dwarf early green wrinkled Marrow Peas in cultivation, and one that ought to be grown in every garden whose owner appreciates Peas. Sturdy and branching in habit, requiring no stakes, coming early and remaining late in profitable productiveness, giving green peas of considerable size and of best quality, it is one in the very front rank. **Packet, 10 cents; ½ pt., 20 cents; pt., 35 cents; qt., 60 cents.**

Bliss' Everbearing. A fine wrinkled sort, about thirty inches high; very robust, bearing heavy crops of large, well-filled pods; peas of excellent flavor. Owing to its branching habit, the peas should be planted about six inches apart.

Bliss' Abundance. Remarkably productive. Plant one and a half to two feet in height; pods three inches long; peas large, wrinkled, of superior quality.

Horsford's Market Garden. A wrinkled variety of superior quality, growing two feet high, very stocky; requires no brushing; extremely prolific, bearing pods in pairs. A very desirable sort for canners' use.

McLean's Advancer. A fine early market variety, exceedingly prolific, with well-filled pods of green wrinkled peas of delicious flavor. It is also known as **Dwarf Champion.** Vines two to two and a half feet high.

The Admiral. A very heavy-cropping green wrinkled Pea. Ripens with the Telephone and remains palatable longer than any other variety after it becomes large enough to use. The abundant pods are closely packed with peas of the very best quality. Vines three to four feet high.

Telephone. A fine, tall, wrinkled variety, and a great cropper, bearing immense pods of large peas of exquisite flavor. It is decidedly a market garden Pea. The pods fill a basket quicker than any other variety. Vines four feet. **Packet, 10 cts.; ½ pt., 15 cts.; pt., 25 cts.; qt., 45 cts.**

Long Island Mammoth. One of the most productive Peas in the list. Pods large and handsome, and well filled with peas of excellent flavor. This is another one of those popular sorts for the market gardener, as the large pods soon fill a basket, requiring but little time for gathering the crop.

Late or Main Crop

Improved Stratagem. This is one of the very best of the large-podded sorts; vigorous, productive, and of exceedingly fine quality; a favorite with market gardeners everywhere. Vines two to two and a half feet. **Packet, 10 cents; ½ pt., 15 cents; pt., 25 cents; qt., 50 cents.**

Improved Pride of the Market. A very robust, strong-growing variety, about two feet high, requiring no bushing or support; wonderfully productive; fine in appearance, and quality most excellent. A fine Pea for the kitchen garden or for market use.

Yorkshire Hero. A very fine, large, dwarf, wrinkled variety, of extra fine quality and very productive. Vines two and one-half feet high, bearing numbers of large well-filled pods.

Champion of England. A handsome variety, popular everywhere; one of the richest and best-flavored green wrinkled Peas. Five feet in height.

Melting Sugar. This variety is used either shelled or cooked in the pod, like string Beans, and when young is very tender and sweet. It is but little known in this country, while abroad it is considered a great relish. **Packet, 10 cents; ½ pt., 15 cents; pt., 25 cents; qt., 45 cents.**

American Champion (Duke of Albany). A remarkably hardy and vigorous variety, producing in great profusion its large pods, which are well filled with large and delicious peas. A valuable main crop sort. It is a tall grower, of branching habit, and should be sown thinly. **Packet, 10 cents; ½ pt., 15 cents; pt., 25 cents; qt., 50 cents.**

Large Black-Eyed Marrowfat. Well-filled pods. Four feet tall. **½ pint. 10 cents; pint, 20 cents; qt., 30 cents.**

Large White Marrowfat. Like the Black-Eyed Marrowfat, extensively grown as a field crop. **½ pt., 10 cents; pt., 20 cents; qt., 30 cents.**

Canada Field. For sowing broadcast. **Bushel, $2.00.**

OKRA or Gumbo

A large, vigorous, tender plant, cultivated in the South for its young seed-pods, which are very nutritious, and are used in soups, stews, etc., and especially for making gumbo soup. Should be more generally grown in the North wherever it is warm enough for Sweet Corn. About the last week in May sow seed thinly, in drills one inch deep and three feet apart. When well up, thin the plants out to one foot apart in the row. Gather the pods when quite young (about an inch and a half long), before woody fibre is formed. One ounce of seed will sow fifty feet of drill.

White Velvet (White Creole). Pods round, smooth, much larger than other sorts; produced in great profusion. **Packet, 5 cents; oz., 10 cents; lb., 60 cents.**

Perkin's Mammoth Long Pod. A dwarf but enormously productive variety. Pods long, slender, deep green, and remain tender much longer than most sorts. **Packet, 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 80 cts.**

Shipping Directions, Etc.

Customers are requested to read carefully the "Suggestions to All who Buy," on second page of cover.

PEPPER

The culture of Pepper is precisely the same as for Egg Plant. Transplant when three inches high. One ounce of seed will yield about 1,500 plants.

Packet, 5 cents; oz., 25 cents; ¼ lb., 70 cents; lb., $2.25; except where noted.

Chinese Giant. A magnificent new variety, the largest and finest Pepper in cultivation. The plant is about two feet high, of strong, vigorous growth, stocky in habit, very productive, and ripens its fruit earlier than the Ruby King. The fruit averages four inches in diameter, and is of a bright glossy scarlet when ripe. The flesh is unusually thick and very mild, having none of the pungency of most of the older varieties. The immense size of the fruit and its brilliant color render it very attractive, and will cause it to sell readily in the market. Packet, 10 cents; ¼ oz., 15 cents; ½ oz., 25 cents; oz., 40 cents; ¼ lb., $1.10; lb., $4.00.

Large Bell, or Bull Nose. Very large, nearly four inches long and three inches in diameter; glossy red. Excellent for use in salads and pickles.

Ruby King. A handsome and very productive variety. Fruits from four to six inches long by three and a half to four inches broad; remarkably mild and pleasant. When ripe they are a bright ruby red. Packet, 5 cents; oz., 25 cents; ¼ lb., 75 cents; lb., $2.50.

Golden Dawn or Queen. Resembles the Large Bell in shape, but is more delicate in flavor. Color a rich golden yellow, with very thick, mild, sweet-flavored flesh.

Sweet Mountain or Mammoth. Much like the Large Bell, but larger and milder. Fruit thick and sweet. Fine for making stuffed mango pickles.

Coral Gem Bouquet. The finest of the small varieties. Its shining red pods, an inch in length, are so thickly set as to completely cover the plant. They are very hot, and suitable for seasoning. Makes an elegant pot-plant. Packet, 5 cents; oz., 30 cents; ¼ lb., 85 cents; lb., $3.00.

Red Cluster. A distinct and beautiful variety, bearing a profusion of bright scarlet fruit in clusters in an upright position. Hot and pungent. As a decorative plant for the flower garden or for pots, it will be found very useful. Packet, 5 cents; oz., 30 cents; ¼ lb., 85 cents; lb., $3.00.

Celestial. A Chinese variety, useful as well as ornamental. Sets its fruit early, and continues until frost. When fully grown the fruit is bright scarlet. Makes a plant of striking beauty. Packet, 5 cents; oz., 25 cents; ¼ lb., 75 cents; lb., $2.50.

Long Red Cayenne. Beautiful and productive. Fruit four inches long, bright red, pointed pod; flesh thick and pungent.

OTHER STANDARD VARIETIES OF PEPPERS

Monstrous, or Grossum. Small Red Chili. Cherry-Formed Red.

PARSLEY

As Parsley seed germinates very slowly, it should be planted in a bed if possible. For outdoor sowing always prepare the seed by placing it in hot water to soak for twenty-four hours, in a warm place. Sow thickly, in rows one foot apart and half an inch deep, pressing down well after sowing. When well up, thin to six inches apart. Parsley lives through the winter, and seed may be sown in the autumn. The curled varieties are beautiful for garnishing, and handsome enough for bouquet green. One ounce will sow 150 feet of drill.

Packet, 5 cents; oz., 10 cents; ¼ lb., 25 cents; lb., 75 cents; except as noted.

Beauty of the Parterre, or True Emerald. This variety is very distinct in appearance. It has a shade of green not shown in any other, while its leaves are more finely cut and densely curled. Habit dwarf and spreading. Packet, 5 cents; oz., 10 cents; ¼ lb., 30 cents; lb., $1.00.

Champion Moss Curled. A compact growing, very ornamental plant. Leaves a bright green color, finely crimped and beautifully curled.

Fine Triple Curled, or Myatt's Garnishing. One of the best for market or private garden; a handsome dwarf, compact sort. Leaves bright pale green; extra curled and crimped.

Fern-Leaved. As its name indicates, this variety is most beautiful in form and color; valuable for garnishing, and also as an ornamental foliage plant for borders of beds.

Hamburgh or Turnip-Rooted. The roots resemble a small Parsnip, and are the edible portion of this variety. Used for flavoring soups, etc.

At prices quoted in this Catalogue, we prepay postage or express charges unless otherwise noted.

POTATOES

Special Points on Shipping Potatoes

We always ship Potatoes and other heavy goods by Freight, excepting when ordered sent by Express, or the quantity is such that to send by Express is cheaper.

Many people order small quantities, like a peck, to go by freight, thinking the charges will be less. This is seldom the case as the railroad companies make no rate for less than 100 pounds; therefore, the freight on a bushel is just as cheap as on a peck. Packed for shipment, Potatoes weigh about: Peck, 20 pounds; half bushel, 40 pounds; bushel, 70 pounds; barrel, 185 pounds. **Please state whether you want the Potatoes by Freight or Express, and do not fail to name the station to which they are to be sent.**

Shipping season begins just as soon as danger from freezing is over. We shall send out none but first-class stock, and at prices named in this Catalogue will sell as long as stock lasts, no matter what advance there may be. When so desired we will pack two or three varieties in one barrel without extra cost. All orders filled directly from our bins, and no charge made for packing or cartage.

Samples by Mail

To those who desire to examine the form and general style of any variety before purchasing, we will send a sample Potato, postpaid, for eight cents in postage stamps.

VicKtor. This new Potato, introduced by us in 1903, is rapidly gaining in popularity. Think of it! a white Potato with the earliness of the Early Ohio, productiveness of the Rural New Yorker, and quality of the old favorite Snowflake. It cannot help becoming a permanent favorite with all who give it a trial. The plants are of strong healthy growth, producing tubers compactly. Tubers large, of uniform size, roundish and slightly flattened; skin white, somewhat russeted. Either baked or boiled the flesh is dry and mealy. Its early ripening secures it from blight, and thus assures a large crop of sound tubers, which keep as well as the late varieties. Pound, 25 cents; three pounds, 60 cents; by mail or express, prepaid. Peck, 65 cents; bushel, $2.00; barrel, $5.00; by express or freight, not prepaid.

Quick Crop As the name implies, is an early variety. It is a rapid, vigorous grower; vines strong and of a healthy dark green. Its cooking qualities are unsurpassed. When planted on good soil big returns can be expected, as it is an exceptionally heavy yielder. The tubers are oval to long in shape, and light rose in color. We especially recommend this variety to the market garden trade and to the home garden for first early. Pound, 25 cents; three lbs., 60 cents; by mail or express, prepaid. Peck, 60 cents; bushel, $1.80; barrel, $4.50; by express or freight, not prepaid.

The Bovee For an extra early this variety is one of the best; almost as early as the Ohio, and an exceedingly heavy yielder for an early Potato. A vigorous grower, good keeper, and fine quality. In color it resembles the Hebron or Rose class. It grows to a good size, oval in shape. We consider it an excellent variety. Our seed stock was procured direct from the originator. Pound, 25 cents; three lbs., 60 cents; by mail or express, prepaid. Peck, 60 cents; bushel, $1.80; barrel, $4.50; by express or freight, not prepaid.

Early Harvest. One of the best early White Potatoes. This extra early Potato originated in Maine. It is wonderfully early. This feature, coupled with large yield, superb quality, and fine appearance, makes a most valuable sort for early marketing or home use. The tubers average large, are nearly white, with eyes only slightly indented: shape oval, flattened, sometimes long-oval. Pound, 25 cents; three lbs. 60 cents; by mail or express, prepaid. Peck, 60 cents; bushel, $1.80; barrel, $4.50; by freight or express not prepaid.

POTATOES--Continued

Ohio Junior. This variety, while not of recent introduction, is one of the earliest Potatoes cultivated, and on this account is prized by market growers. The tubers are oblong-oval, round at the seed end, with full eyes that are almost even with the surface. An excellent keeper, very productive, of fine quality, and has proved to be a most valuable addition to our list of extra early varieties. Pound, 25 cents; three lbs., 60 cents; by mail or express, prepaid. Peck, 60 cents; bushel, $1.80; barrel, $4.50; by express or freight, not prepaid.

Norcross (Late). A large, flattish-oval, white variety, perfect in shape and quality, largest in yield, and a remarkable keeper. This variety originated in Maine, and for a number of years has been carefully bred to increase the percentage of starch. The result of these labors is a potato that cooks dry and mealy, resists disease, and keeps till late spring without rotting. Pound, 25 cents; three lbs., 60 cents; by mail or express, prepaid. Peck, 60 cents; bushel, $1.80; barrel, $4.50; by express or freight, not prepaid.

The White Beauty Has proven to be one of the best all-round general crop potatoes. As a rule, Potatoes of extra fine cooking qualities are very poor yielders, or do not attain the size required for good market potatoes; but in this variety we have all the strong points of a first-class potato, viz: Form, size, quality, and yield. Resembles the old favorite White Star in habit of growth and season, while in quality it is much superior. Vine strong and upright; eyes but slightly indented; skin white and heavily russeted; never affected by blight. Pound, 25 cents; three lbs., 60 cents; by express or mail, prepaid. Peck, 60 cents; bushel, $1.80; barrel, $4.50; express or freight, not prepaid.

Sir Walter Raleigh. Every one is familiar with the Rural New Yorker, and how its popularity has grown until it has become the favorite variety with farmers and growers in almost every State in the Union. Sir Walter Raleigh is a seedling from this popular variety, and in our estimation is superior to it both in yield and cooking qualities. Local growers who have grown it largely for market are high in its praise, and have discarded the Rural New Yorker entirely. We hope every farmer who wishes a first-class Potato will give the Sir Walter Raleigh a trial. Pound, 25 cents; three lbs., 60 cents; by mail or express, prepaid. Peck, 60 cents; bushel, $1.75; barrel, $4.25; by express or freight, not prepaid.

Maggie Murphy. Late. The unanimous reports and samples of Potatoes that have been sent us from every State and Territory, also Canada, verify our statement that the Maggie Murphy is conceded by Potato growers to be one of the best late Rose varieties, and if planted on light soil the quality is unsurpassed, the yield enormous. This Potato in form is oval, the skin a delicate pinkish tint, with russet markings, eyes flush with the surface. Plants very strong and vigorous, remaining green up to maturity. Pound, 25 cents; three lbs., 60 cents; by mail or express, prepaid. Peck, 60 cents; bushel, $1.80; barrel, $4.50; by express or freight, not prepaid.

American Wonder. Late. The American Wonder is one of the best all-round white Potatoes in cultivation. A strong grower, a great producer, and one of the best medium-long late varieties for general field culture. The vines are very strong and branching, with dark green foliage. Tubers white, large, and uniform in size; elongated, slightly compressed, with few eyes, which are nearly flush with the surface. In quality it is unsurpassed; either baked or boiled it is dry and floury, and has a rich, sweet flavor. Pound, 25 cents; three lbs., 60 cents; by mail or express, prepaid. Peck, 60 cents; bushel, $1.80; barrel, $4.50; by express or freight, not prepaid.

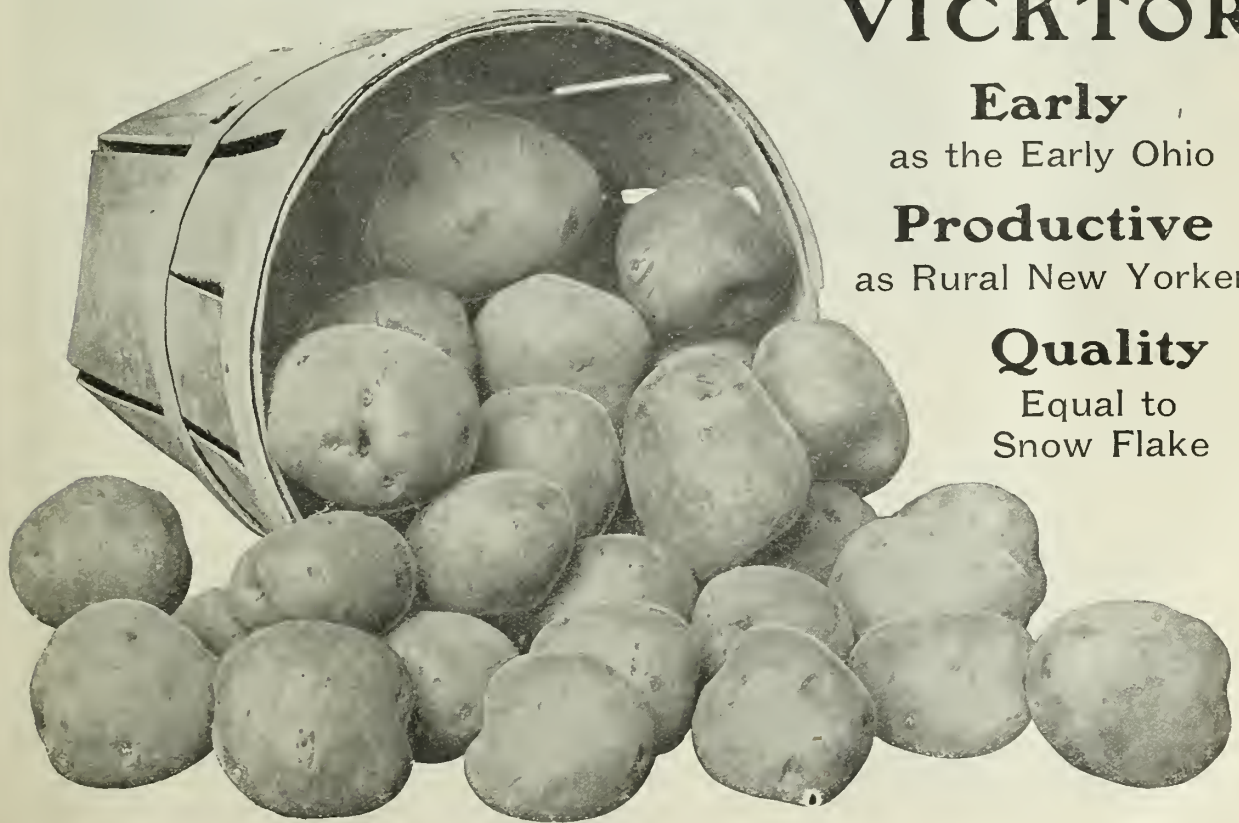
Carman No. 3. Late. Resembles Carman No. 1, except that the tubers are not quite so elongated; eyes shallow and few in number. It is of the shapeliest form, and even in droughty seasons its perfect shape is retained. The tubers are borne very close to the plant, and will average a pound each. Perfect keeper. The skin and flesh are of extreme whiteness. Foliage heavy, dark green. Vines strong and vigorous. Tubers set while the vines are quite small, but do not ripen until late. Pound, 25 cents; three lbs., 60 cents; by mail or express, prepaid. Peck, 50 cents; bushel, $1.60; barrel, $4.00; by express or freight, not prepaid.

VICKTOR

Early
as the Early Ohio

Productive
as Rural New Yorker

Quality
Equal to
Snow Flake



VICK'S VICKTOR POTATO

RADISH, VICK'S EARLY SCARLET GLOBE (NATURAL SIZE)

RADISHES must make a rapid growth to be crisp and tender. For early use seed should be sown in the hotbed, in drills, three or four inches apart and half an inch deep. For an early crop in the open ground, select a sandy soil, and a warm south border, under the shelter of a fence or building, if possible, and sow thinly in drills ten inches apart. For a succession sow every two weeks until September. A load of fresh sandy loam from the woods is better than manure for the Radish crop. Good Radishes cannot be grown in heavy soils. As soon as the first leaves appear, sprinkle with soot or ashes to save them from the little turnip-fly. The Winter Radish should be sown about the middle of summer, and makes its best growth in the autumn. Pitted out of doors or buried in earth in a cool cellar, it will keep crisp all winter. One ounce will sow 100 feet of drill; ten pounds to the acre.

For house or garden culture

Vick's Early Scarlet Globe

Unequalled by any other sort

Away back in 1884 we introduced this universally popular Radish, and today it is sold by almost every seedsman in the world, and is also used by the leading market gardeners both for forcing and out-of-door planting. Owing largely to our care in selecting and growing the seed, it leads all other varieties. As a forcing Radish, Vick's Early Scarlet Globe is the best in every way, bearing the heat requisite for forcing without becoming pithy or spongy.

It is handsome in both form and color, a beautiful oval and a rich scarlet; the flesh is crisp, tender, juicy and mild. The amount of its foliage is small compared with other varieties and small for the size of the Radish. **It is equally as good for open garden culture** as for forcing and therefore commends itself to the amateur as well as the market gardener. You will find "Vick Quality" in every ounce. **Packet, 5 cents; oz., 10 cents; ¼ lb., 25 cents; lb., 75 cents.**

RADISHES—Continued

Packet, 5 cents; oz., 10 cents; ¼ lb., 20 cents; lb., 60 cts.; except as noted; all postpaid.

Vick's All Seasons. The finest of its class. It may be sown from spring until autumn, and the roots obtained from late sowings can be kept in storage for winter consumption. It can be used in all stages, from the size of a marble until full grown. The root is round, of brilliant scarlet color, grows to a very large size, and remains firm and brittle to the end. When sliced and salted it makes a very fine relish. The best Radish for all purposes yet introduced. Packet, 5 cents; oz., 10 cents; ¼ lb., 25 cents; lb., 75 cents.

Triumph. A striking variety. Root globe-shaped, showing bright scarlet stripes on a white ground. A good forcer.

Early Round Dark Red (Non plus ultra). Especially adapted for forcing on account of its very small tap-roots and tops. It is also good for summer use in the open ground. Skin dark red; flesh white, crisp, and tender.

Extra Early Scarlet Turnip-Rooted. (Forcing.) Medium in size, the root being clear and smooth, with a small top, remaining fit for use a long time. Next to Scarlet Globe we would recommend this variety for forcing.

Scarlet Turnip White Tip (Rosy Gem). (Forcing). Very desirable for forcing and outdoor planting. Tops and roots both small; skin bright scarlet; flesh very mild and crisp.

French Breakfast, or Scarlet Olive-shaped White Tip. Very tender and beautiful. Fine for open ground or forcing.

Scarlet Olive-Shaped. Oval; very tender and excellent; an inch and a half long; fine for forcing or open ground.

White Olive-Shaped. Like all the olive-shaped varieties, except in color.

Philadelphia White "Box." Is superior and entirely distinct from any early White Turnip Radish. Remarkably short top, rapid growth, perfect turnip shape, extra fine quality, showing no disposition to become pithy with age. Its short top and rapid growth especially fit it for growing under glass.

Scarlet Turnip. Round, about an inch in diameter; skin scarlet; flesh white.

White Turnip. Similar to preceding, except in color; less pungent.

Yellow Turnip. Similar to above, except in color.

Wood's Early Frame. Similar to Long Scarlet, but shorter, earlier, and adapted for forcing.

Long Brightest Scarlet or Cincinnati Market. The brightest and handsomest scarlet Radish grown. It makes roots fit for use in twenty-five days from time of sowing, and remains in good condition until fully grown, when it is as large and crisp as Wood's Early Frame. Tops small.

Vick's Improved Long Scarlet Short-Top. The favorite long market Radish everywhere; six or seven inches long. Our strain of this popular sort has been grown from a selection year after year until it is perfection itself.

Beckert's Chartier, (Shepherd). A distinct variety. Color red at the top, shading to pink in the middle, and passing into pure white. It attains a large size before becoming unfit for use.

Long White Vienna or Lady Finger. Beautiful in shape; skin and flesh snow white; crisp and tender in summer.

Icicle. A beautiful transparent white variety, about three inches long and half an inch in diameter, with small tops; very crisp and brittle, and remains in good condition a long time; does not get pithy. Suitable for forcing. Packet, 5 cents; oz., 10 cents; ¼ lb., 25 cents; lb., 75 cents.

White Delicious. An improvement on the White Strasburg, being earlier, more evenly shaped, and having a smaller top. For outdoor early fall sowing it is sure to make a crop of uniform white Radishes. Quality first class. A market gardener's sort. Packet, 5 cts.; oz., 10 cts.; ¼ lb., 30 cts.; lb., $1.00.

White Strasburg Summer or White Hospital. A large, white, showy, half-long variety. Matures early. A leading market variety.

Giant White Stuttgart. A popular variety, early, of quick growth and large size; in shape like a large top. Both flesh and skin are pure snowy white.

Winter Radishes

Chinese Rose Winter (Scarlet Chinese). One of the very best for fall and winter use, and popular with market gardeners. Bright rose color; flesh white and firm, of superior quality.

Large White Spanish Winter. A well-known and popular sort. Flesh solid and milder in flavor than the black sorts.

Round Black Spanish Winter. This is a large black-skinned Radish, much relished by the Germans. Flesh white and firm.

Long Black Spanish Winter. Like the above, but the roots are longer and perhaps slightly milder in flavor.

California Mammoth White Winter is really a Chinese Radish, grown by the Chinese in California; eight to twelve inches long and from two to three inches in diameter; white, solid, and of good flavor.

RHUBARB

Seed should be sown in a deep, rich, well-pulverized soil, in drills eighteen inches apart and one inch deep. Thin out the plants to six inches apart. In the fall prepare the permanent bed by trenching two feet deep, mixing a liberal quantity of manure with the soil. Into this set the plants about five feet apart each way. Give a dressing of coarse manure every fall. The stalks should not be cut until the second year. The varieties of Rhubarb do not usually come true from seed. One ounce should give about 500 plants.

Packet, 5 cents; oz., 15 cents; ¼ lb., 40 cents; lb., $1.25.

St. Martin's. One of the earliest as well as most prolific sorts.

Victoria. Very large, but later than Linnæus.

Linnæus. Early and tender.

Roots of above, each, 15 cents; dozen, $1.50.

SPINACH

The Spinach is cultivated extensively for spring and winter "greens." A profitable crop for market. Select a rich, well-drained soil, highly manured. For a succession, the seed may be sown early in April and again in May, in drills one foot apart and one inch deep, properly thinning out when plants are an inch in the leaf. For the principal crop, sow from first to middle of September, on ground from which a summer crop has been taken, protecting the crop with a light covering of straw or leaves. In the South no covering is necessary. One ounce for 100 feet of drill; 10 pounds, in drills, for an acre.

Packet, 5 cents; oz., 10 cents; ¼ lb., 15 cents; lb., 40 cents; except as noted.

Improved Thick-Leaved, or Long-Standing. Leaves large and thick, somewhat crumpled. Does not run to seed as early as other varieties.

Victoria. A valuable sort. Its attrative dark green color, long-standing, and hardy character, make it desirable for both spring and late sowing.

Round or Summer. Adapted for early spring sowing, and quite popular with market gardeners. Leaves thick and large. It stands the winter well.

Large Round-Leaved Viroflay. Large, round, thick and fleshy leaves. Good for early sowing. Quite hardy. One of the best for fall sowing.

Bloomsdale or Savoy-Leaved (Norfolk.) The earliest of all the varieties, and one of the best for autumn planting for early spring use. The leaf of this sort is wrinkled in the same manner as the Savoy Cabbage.

Prickly or Fall. A hardy variety, used for fall sowing. With very slight protection it will withstand the severest weather.

SPINACH, IMPROVED THICK-LEAVED OR LONG-STANDING

PARSNIP

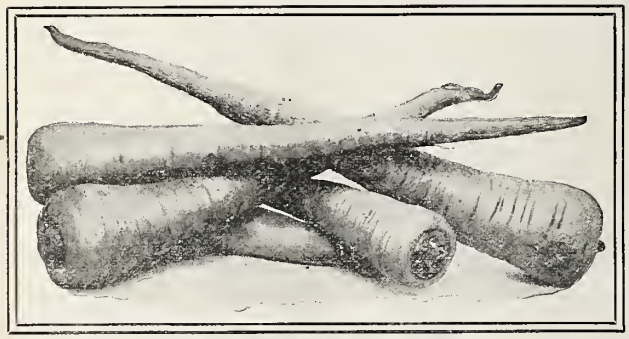
Parsnip seed germinates very slowly, and does best in a cool, moist soil, therefore it should be sown as early as possible, in drills from fifteen to eighteen inches apart, and about half an inch deep. The soil should be deep, mellow, and moderately rich. When well up, thin the plants to three to five inches apart. The roots may remain in the ground for spring use in the North. If needed for winter they may be dug and covered like potatoes. A light covering will answer. One ounce will sow 200 feet of drill; five pounds for an acre.

Packet, 5 cents; oz., 10 cents; ¼ lb., 15 cents; lb., 50 cents.

Long Hollow Crown (White Dutch or Sugar). The old standard, and one of the best for general farm use and for home or market purposes. Long, smooth, tender, and sugary; very hardy; will keep throughout the winter with very little protection.

Improved Guernsey. Half-long. The roots are not so long as those of the Long Hollow Crown; are larger in diameter and more easily gathered; smooth, fine-grained, and of excellent quality.

Early Short Round. A variety well adapted for hard or shallow soils, and comes into use much earlier than other sorts. Flavor mild and pleasant.



PUMPKIN

The Pumpkin under good care, bears abundantly and furnishes a great amount of palatable food for cows, pigs, etc. Several of the finer-fleshed varieties are also used for culinary purposes. May be grown as a field crop. Plant in hills eight feet apart each way, any time after the middle of May. Avoid planting near other vine crops, as they will hybridize and damage the crop. One ounce will plant about twenty-five hills; four pounds to the acre.

Winter Luxury. This is the finest pie Pumpkin yet introduced; we cannot recommend it too highly for this purpose. It is also a good keeper, wonderfully productive, while its finely netted and golden-russet color make it desirable for market use. **Packet, 5 cents; oz., 10 cents; ¼ lb., 25 cents; lb., 80 cents.**

Large Sweet Cheese (Kentucky Field). One of the best for table use, and very productive. Shape flat; skin mottled light green and yellow, changing to a rich crimson color; flesh yellow, thick, and tender. **Packet, 5 cents; oz., 10 cents; ¼ lb., 25 cents; lb., 80 cents.**

Sugar, or Pie. A rather small, but handsome variety. Shape round; skin deep orange-colored; flesh fine-grained, very sweet-flavored; superior for pies. **Packet, 5 cents; oz., 10 cents; ¼ lb., 25 cents; lb., 80 cents.**

Golden Oblong. A productive variety, oblong in shape, growing 16 to 18 inches long. Skin golden orange, thin and tough; almost as good a keeper as the hard-shell winter Squash. Flesh yellow, dry, and sweet; excellent for pies. **Packet, 5 cents; oz., 10 cents; ¼ lb., 25 cents; lb., 80 cents.**

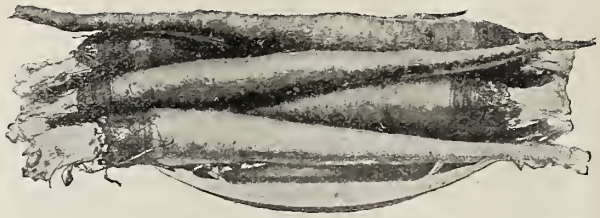
Large Tours, or Mammoth. Grows to an immense size, often weighing over 100 lbs. **Packet, 5 cents; oz., 10 cents; ¼ lb., 30 cents; lb., $1.00.**

Mammoth Red Etampes. Skin brilliant, glossy red; flesh deep orange, very thick. Matures early. **Packet, 10 cents; oz., 20 cents; ¼ lb., 60 cents; lb., $2.00.**

King of the Mammoths, or Jumbo. The largest of all Pumpkins. Round in shape, flattened at both ends. It is a splendid keeper, and valuable for stock feeding; also desirable for exhibition purposes. **Packet, 10 cents; oz., 15 cents; ¼ lb., 40 cents; lb., $1.50.**

Connecticut Field. The hardiest of all Pumpkins; cultivated mainly for stock-feeding, producing enormous crops. **Packet, 5 cents; oz., 10 cents; ¼ lb., 15 cents; lb., 40 cents.**

Cushaw, or Crookneck. A favorite sort of excellent quality. **Packet, 5 cents; oz., 10 cents; ¼ lb., 30 cents; lb., $1.00.**



SALSIFY

Salsify, or Vegetable Oyster, is used for soups, also boiled, fried, etc., and possesses the flavor of the oyster, for which it is sometimes used as a substitute. Culture the same as for Carrots and Parsnips; flourishes best, with longest, smoothest roots, in a light, deep, mellow soil, thoroughly enriched with *well-rotted* manure. Coarse and fresh manure will cause the roots to grow ill-shaped. Sow early in the spring, in drills a foot or more apart, covering the seed not more than two inches in depth. Thin out to six inches apart. A portion of the crop may remain in the ground all winter, like the Parsnip. One ounce will sow 75 feet of drill.

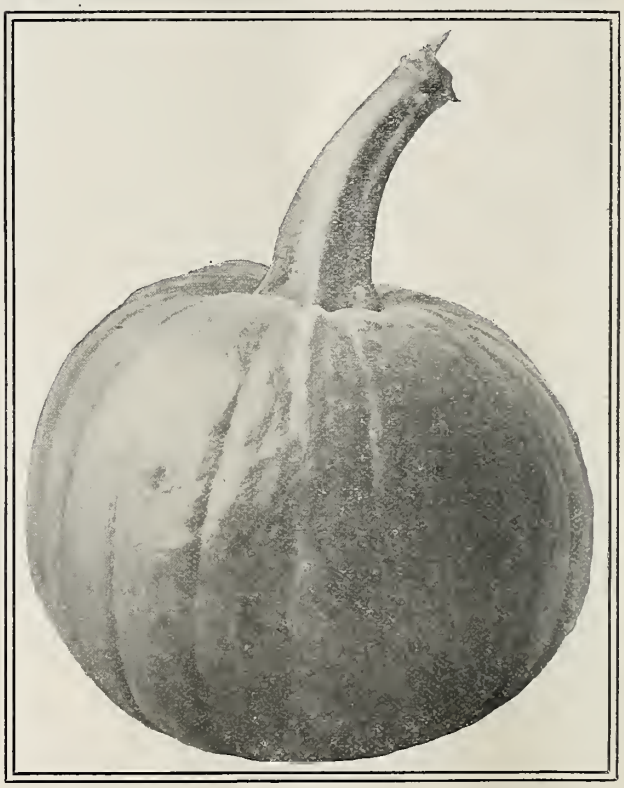
White French. The old favorite variety. **Packet, 5 cents; oz., 15 cents; ¼ lb., 40 cents; lb., $1.25.**

Mammoth Sandwich Island. This is the largest and most profitable Salsify now in cultivation. **Packet, 5 cents; oz., 15 cents; ¼ lb., 50 cents; lb., $1.50.**

Black, or Scorzonera. A black variety, with a somewhat bitter root. **Packet, 5 cents; oz., 20 cents; ¼ lb., 50 cents; lb., $1.75.**

SCOLYMUS—Spanish Salsify

More productive than Salsify. The roots resemble a small Parsnip, and will keep through the winter like a Turnip. Cultivate like Parsnips. It is eaten boiled, like Salsify. **Packet, 10 cents; oz., 20 cents; ¼ lb., 85 cents; b., $3.00.**



PUMPKIN, SUGAR OR PIE

Early Prolific Orange Marrow. An improvement by selection from Boston Marrow; not so large but much earlier. Skin orange colored; flesh deep, fine-grained, and of delicious flavor. Packet, 5 cents; oz., 15 cents; ¼ lb., 35 cents; lb., $1.10.

New Golden Bronze. Weight from eight to ten pounds; color, a dark grayish green with bronze on the upper surface when ripe; flesh golden yellow, very thick, fine-grained, dry, sweet, and of delicious flavor. Matures early, and is a splendid keeper and good yielder. As a Squash for the table and pies it has no superior. Packet, 5 cents; oz., 15 cents; ¼ lb., 35 cents; lb., $1.10.

SQUASH—DELICIOUS

SQUASH

Squash likes a rich soil, and it is best to manure in the hill. Plant a dozen seeds in each hill, and when danger from "bugs" is over pull up all but three or four. For bush sorts, make hills four or five feet apart each way, and for the running kinds twice that distance. The Summer Squash are used when young and tender. Winter Squash should be ripened thoroughly, or they will be watery and lack sweetness and richness, and will not keep through the winter. One ounce of early varieties for fifty hills and two ounces of late will plant fifty hills; three to four pounds per acre.

Packet, 5 cents; oz., 10 cents; ¼ lb., 30 cents; lb., $1.00; except as noted; all postpaid.

Summer Squash

Early White Bush Scallop (Patty Pan). A well-known summer variety, grown extensively for shipping. The flesh is tender and delicate. We also have seed of the Yellow Bush Scallop Squash.

Mammoth White Bush Scallop (Silver Custard). The best of the scalloped Squashes. Handsome and of fine quality.

Mammoth Bush Summer Crookneck. The richest and best of the Summer Squashes. Early and productive. It is almost twice as large as the ordinary Summer Crookneck.

Yellow Bush Crookneck. The old standard sort. Very early and productive. Color bright yellow.

White Summer Crookneck. Fruit similar in size and shape to the two preceding varieties, but of a beautiful ivory white color, and of superior quality.

Autumn and Winter Sorts

Delicious. The Delicious is the result of years of careful selection, crossing, and isolating. In size it resembles the Hubbard. In thickness of flesh it surpasses nearly every variety. The color is a dark orange. For table use no other variety compares with it in its remarkable combination of fineness and compactness of grain, dryness, sweetness, and exceeding richness of flavor. It is a fall and winter squash. Though at any time excellent, it does not acquire its best quality until winter.

Hubbard. The standard Winter Squash; no better variety grown; more generally cultivated as a late sort than any other. Flesh fine-grained, dry, and of excellent flavor.

Chicago Warted Hubbard. This has some points not seen in the old Standard, the shell having a dark green, almost a black color; and also distinguished by a dense covering of knots (warts). It is of first-class quality. Packet, 5 cents; oz., 15 cents; ¼ lb., 35 cents; lb. $1.10.

New Golden Hubbard. This is a true Hubbard Squash except in color, which is a bright orange-red. The flesh is deep golden yellow. This deserves to and will become a most popular variety. Packet, 5 cents; oz., 15 cents; ¼ lb., 35 cents; lb., $1.10.

Fordhook. A winter variety possessing much merit. Shell a bright yellow; flesh straw-yellow, dry and sweet, and of good flavor. Matures early, a sure cropper, and very productive. May be used at any stage of growth. Packet, 5 cents; oz., 15 cents; ¼ lb., 35 cents; lb., $1.10.

Essex Hybrid or Hard Shell Turban (Warren). A cross between the Hubbard and American Turban, having the color, shape, and fine quality of the Turban, with the dryness and hard shell of the Hubbard. Flesh thick fine grained, and solid. A good keeper. Very productive, early, and of rapid growth. Packet, 5 cents; oz., 15 cents; ¼ lb., 35 cents; lb., $1.10.

Sibley, or Pike's Peak. A very distinct and valuable variety. Shell pale green, very hard; flesh solid and thick, orange color; flavor rich and delicate. Packet, 5 cents; oz., 15 cents; ¼ lb., 35 cents; lb., $1.10.

Boston Marrow. Very popular in the Boston market. Oval shape; skin yllow; flesh orange-colored and fine-grained.

Mammoth Chili. The largest of all Squash; grows to an enormous size. One of the most profitable sorts for stock-feeding. Keeps well throughout the winter. This variety is also extensively grown for fair exhibits. Packet, 10 cents; oz., 20 cents; ¼ lb., 50 cents; lb., $1.75.

Vegetable Marrow. Flesh rich, salmon yellow, dry and fine-grained. Excellent as a pie-squash. Packet, 5 cents; oz., 15 cents; ¼ lb., 35 cents; lb., $1.10.

TOMATOES

Vick Quality

TO obtain fruit very early, sow in the hotbed in March. In about five weeks plants should be transplanted to another hotbed, setting them about four or five inches apart. Here they should remain, having all the air possible, until after the middle of May, when they may be put out in the ground, four feet apart each way. If not too early or too cold, a coldframe will answer for the first transplanting. Very good plants can be grown in boxes in the house. The soil for early Tomatoes should not be too rich, and a warm, sheltered location selected, if possible. Pinching off the ends of the branches when the first fruit is set, will hasten the ripening very much. We have described the very best varieties in the world, and none that do not possess some merit. One ounce will produce 2000 plants; ¼ lb. (to transplant) for an acre.

Packet, 5 cents; oz., 25 cents; ¼ lb., 75 cents; lb., $2.50; except as noted.

EARLIANA

Vick's Special Selected Strain

The Earliest and Best Large Smooth Tomato.

Our experience with this new and most valuable variety confirms all that has been claimed for it. Gardeners in this vicinity are enthusiastic in its praise, and grow it for early market in preference to any other variety.

It is a full week ahead of all others.

The plant is of strong and vigorous growth, setting its fruit freely and in great abundance. The fruit is not only remarkable for its earliness, but for its large size, perfect form, bright red color, and delicious flavor.

Ripens clear to the stem and does not crack.

Its solidity and fine quality are quite equal to the best medium and late sorts. Packet, 10 cts.; ½ oz., 35 cents; oz., 60 cts.; ¼ lb., $1.60; lb., $6.00.

Nolte's Earliest.

This large and very early sort is more prolific than Atlantic Prize, and continues in profitable production much longer. Vine the most hardy of any of the first early sorts, insuring a good yield even when growth conditions are not the most favorable. Fruit large, bright red in color, and of excellent quality. Succeeds best on heavy mucky soil. Packet, 5 cents; oz., 30 cents; ¼ lb., $1.00; lb., $3.00.

Atlantic Prize, or Early Ruby. Possesses extra good qualities; extremely early; vines vigorous and strong; fruit of large size, smooth, bright red in color, and borne in immense clusters.

Bright and Early. A very desirable variety for the home garden. Form nearly round, somewhat flattened, with smooth surface, free from irregularities; color a fine, deep red, and very uniform; skin firm and free from cracks; flesh solid, and of the finest flavor. While some large specimens are produced, the average size is slightly below medium; but whatever is lacking in the size of the individual fruit is more than made up in the immense clusters in which they are borne. The yield is phenomenal.

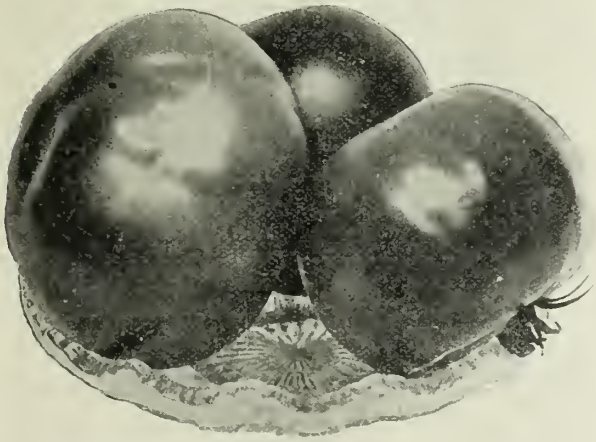
Stone. Ripens for main crop; very large; color bright scarlet; very smooth; ripening even to the stem without a crack; exceedingly solid and firm fleshed; an excellent shipper; quality the very best; not subject to rot; its appearance on market remarkably attractive; a heavy variety. It is the standard Tomato for market gardeners and truckers, and superior for canning.

New Dwarf Stone. This splendid new variety is one that will meet with general favor, especially with those whose gardening space is limited. The strong, upright growth allows very close planting. In small gardens the plants may be set 18 by 24 inches apart and yet produce an abundant crop. The shape of the fruit is perfect, with a good skin, which is free from cracks about the stem end. It is very solid, ripens evenly, and is of most excellent quality. The Dwarf Stone is double the size of Dwarf Champion, equally as early, and fully as prolific, consequently much more productive. Packet, 10 cents; ½ oz., 20 cents; oz., 35 cents; ¼ lb., $1.00; lb., $3.50.

At prices quoted in this Catalogue we prepay the Postage or Express charges unless otherwise noted.

TOMATO, EARLIANA

TOMATO, NOLTE'S EARLIEST



TOMATO, BEAUTY

TOMATO, NEW DWARF STONE

Magnus. This new variety is of the same color as Acme, but the fruit is thicker, heavier, and more solid. It is medium early, of perfect form, large and attractive, ripens evenly, does not crack about the stem, flavor most desirable. The plant is a robust grower, short-jointed, setting its clusters of fruit closer than most sorts; a heavy cropper. An excellent variety to follow Earliana.

Improved Acme. A fine solid, smooth, early variety, medium size, red, with a purplish tinge. It has become quite popular for private gardens and with canners.

Dwarf Champion. Dwarf and compact in habit, the plant growing stiff and upright, with very thick and short-jointed stems, requiring no stakes. Often sold as Tree Tomato. Can be planted as close as three feet. As a cropper it is unsurpassed. Color same as Acme. Perfectly round and smooth.

Dwarf Aristocrat. This new variety resembles "Dwarf Champion," and might be taken for that popular variety if it were not for the color of its rich, glossy red fruit, so much preferred in many localities to the purple or rose-colored varieties. The size, solidity, productiveness, smoothness, flavor of its fruit, etc., are up to the present day standard of excellence. **Packet, 10 cents; oz., 35 cents; ¼ lb., $1.00; lb., $3.50.**

Beauty. A decided favorite for either home market or shipping purposes. Hardy, productive, large size, always smooth, glossy crimson with a slight tinge of purple. A great favorite with Florida and long distance shippers.

Royal Red. Bright scarlet and the reddest throughout of any grown. In size, smoothness, productiveness, solidity, and general appearance, it will please the most fastidious.

Ponderosa. The fruit ripens quite early and keeps on coming until quite late; of immense size, solid, almost seedless, and of good sub-acid flavor. **Packet, 10 cents; oz., 40 cents; ¼ lb., $1.25; lb., $4.50.**

Golden Queen (Queen of the Yellows). Solid, smooth, large in size, and ripens early. Makes a handsome, rich preserve. This Tomato should be grown in every home garden; its flavor is better and more delicate than that of the red varieties, the flesh finer-grained and very tender. Try it. **Packet, 5 cents; oz., 30 cents; ¼ lb., 85 cents; lb., $3.00.**

New Imperial. A valuable acquisition to our first early Tomatoes. Of fine form, smooth, and meaty, changing in color from red to a pinkish purple when fully ripe. It fruits in clusters and bears abundantly. **Packet, 5 cents; oz., 30 cents; ¼ lb., 85 cents; lb., $3.00.**

Perfection. One of the handsomest. Fruit round, smooth, and solid. A very deep red in color, and a good shipper.

Improved Trophy. A standard late variety. Fruit very large, rich deep red, and generally smooth; very solid and of excellent flavor. Fine for canning.

Peach. A distinct and attractive Tomato, resembling a Peach in shape, size, bloom, and color. It has a delicacy of flavor not found in other varieties of Tomato. Fine for preserves, etc.

Plum-Shaped Yellow. Handsome in appearance, and valuable for preserving. Excellent served raw with pepper and vinegar.

Pear-Shaped Red. True pear-shaped, small, bright red. Used for preserves and for making "Tomato figs."

Pear-Shaped Yellow. Same as the above, except that the color is a beautiful yellow.

Red Cherry. Small, perfectly round and smooth, bright red borne in large clusters. Fine for preserves and pickles.

Yellow Cherry. Differs from the Red Cherry only in color.

Husk or Strawberry (Winter Cherry, etc). Fruit golden yellow, size of a cherry. Fine for pies, preserves, or eating from the hand. **Packet, 10 cents; oz., 35 cents; ¼ lb, $1.00; lb., $3.50.**

OTHER STANDARD VARIETIES

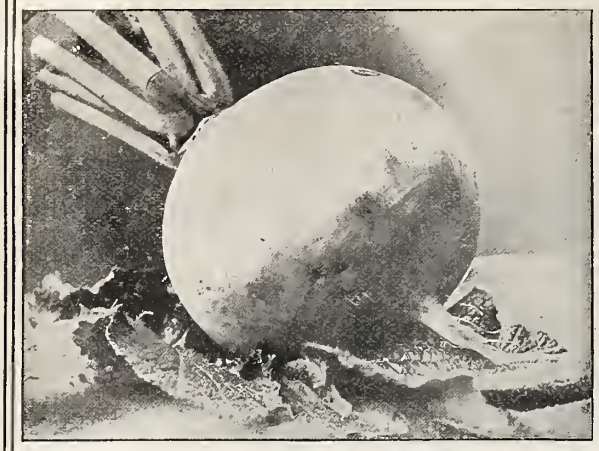
Our limited space forbids a description of the following varieties some of which, however, are well-known. We have also included some of the specialties of other seedsmen. All at the uniform price of **Packet, 5 cents; oz., 25 cents; ¼ lb., 75 cents; lb., $2.50.**

Lorillard, Long Keeper, Honor Bright,
Livingston's Favorite, Paragon.

TOBACCO

Connecticut Seed-Leaf. Packet, 5 cents; oz., 25 cents.
Havana (or Cuban). Packet, 10 cents; oz., 40 cents.

TURNIP



TURNIP, EARLY SNOWBALL

RUTA BAGA
OR SWEDE TURNIPS

Ounce, 5 cents; ¼ lb., 15 cents; lb., 50 cents.

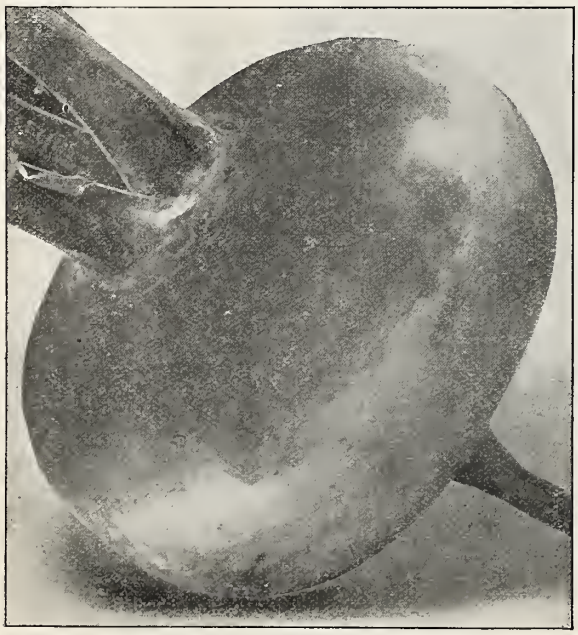
When five to ten pounds, or larger quantities, are required, special prices will be quoted.

White Sweet Swede. A large, white, solid Swede, sometimes called White Russian. Quite desirable for table or stock-feeding. A great yielder. Fine form and good keeper.

Vick's Imperial Purple-Top Yellow. An excellent variety either for the table or cattle-feeding. Flesh yellow, firm, solid, rich, and sweet. Very hardy, prolific, tender. A splendid keeper.

Hall's Westbury. An excellent variety of splendid quality. Purple above ground and yellow below.

Laing's Purple-Top Strap-Leaved. A large early sort of fine quality. Flesh yellow, very sweet. Tops peculiar in that they are strap- or entire-leaved.



TURNIP, PURPLE-TOP WHITE GLOBE

THE soil for Turnips should be rich and mellow. Sow in drills from twelve to eighteen inches apart, and half an inch deep, or sow broadcast, although much larger crops are obtained by drill culture. When the plants are a few inches in height, and strong enough to resist the attacks of insects, thin them out to some five or six inches apart in the drills. In this climate we sow from the 25th of July until the middle of August. Swede or Ruta Baga Turnips should be sown the first of June, the rows being about eighteen inches apart, and the plants in the rows not less than ten inches. Ruta Bagas are excellent for all kinds of stock, and are relished by all. One ounce of seed will sow 200 feet of row; and two to three pounds are required for an acre in drills.

Ounce, 5 cents; ¼ lb., 15 cents; lb., 50 cents; except as noted.

Purple-Top Strap-Leaved. Flat, medium size, purple above ground, white below. The most popular variety for early use, either for table or stock.

Early White Flat Dutch, Strap-Leaved. Similar to above. A fine, early, white sort, of quick growth and excellent quality.

Purple-Top White Globe. An improved variety of the purple-top flat Turnip; globular in shape, of fine appearance, a good keeper, of excellent quality, and equally desirable for table or stock.

Extra Early Purple-Top Milan. A white variety, purple-top and strap-leaf. This, with the White Milan, is the earliest of all Turnips. Remains in good condition a long time. Packet, 5 cents; oz., 10 cents; ¼ lb., 25 cents; lb., 80 cents.

Extra Early White Milan. Similar to above except it is pure ivory white in color, and about one week earlier. Packet, 5 cents; oz., 15 cents; ¼ lb., 30 cents; lb., $1.00.

Early White Snowball or Six-Weeks. A perfect globe-shaped, white-skinned Turnip, of medium size and excellent flavor. For early sowing this is one of the best, being crisp and tender, and maturing in six weeks from the time of sowing. A good keeper. Fine for family or market. Packet, 5 cents; oz., 10 cents; ¼ lb., 25 cents; lb., 80 cents.

New White Egg. A very excellent variety. Nearly oval or egg-shaped. Flesh firm and fine-grained, and of snowy whiteness. Its flavor is of the very best. Particularly desirable for table. Can be sown as late as the middle of August. Packet, 5 cents; oz., 10 cents; ¼ lb., 20 cents; lb., 60 cents.

Long White Cow-Horn. A quick-growing sort, half-long in shape, fine-grained, sweet, good quality. Roots grow partly above ground. Very productive. Packet, 5 cts.; oz., 10 cts.; ¼ lb., 20 cts.; lb., 60 cts.

Sweet German. This Turnip is very popular in many sections. It partakes largely of the nature of the Ruta Baga, and should be sown as early. Flesh white, hard, firm, and sweet, with none of the pungency of the common Turnip. Superior for table or for stock. A long-keeper, and generally solid until midsummer. Highly recommended for winter and spring use.

Orange Jelly (True). This is the most distinct yellow Turnip ever offered. It is of very fine texture, and the best, sweetest, and most delicious of the yellow-fleshed varieties. It is of medium size, with small tap-root, a rapid grower, matures early, and keeps well. A superior table variety. Packet, 5 cents; oz., 10 cents; ¼ lb., 20 cents; lb., 70 cents.

Robertson's Golden Ball. Similar to Orange Jelly, but larger and not so fine-grained.

Large Yellow or Amber Globe. Good for general crop. Excellent for table or for stock-feeding. Flesh yellow, firm, and fine-grained. A good keeper and cropper.

Yellow Aberdeen. Roots medium size, round, flesh yellow, tender and sugary. Very hardy and productive. A good keeper. Good for both table and stock.

Yellow Stone. One of the best yellow-fleshed sorts for table use and stock. Packet, 5 cents; oz., 10 cents; ¼ lb., 20 cents; lb., 60 cents.

Pomeranian White Globe. Very productive, in good soil roots frequently grow from ten to twelve pounds. Good for table or stock-feeding.

Large White Norfolk. A standard variety for field-culture for stock-feeding. Grows to a large size and is very productive.

SEEDS IN BULK

In the following list we quote prices for seeds by the bushel, peck, four quarts, and quart, when sent by freight or express ***at the expense of the purchaser.*** We deliver them at express offices or railroad depots in this city at these rates, bags, packing, and cartage free, *but in no case can we prepay the charges unless the amount has been previously advanced to us for that purpose.* On all seeds not included in this list, ordered by express or freight to be shipped not prepaid, the purchaser may deduct from the prices given in the preceding pages 10 cents per lb. on all seeds quoted by the pound.

BEANS—Wax-Podded.

	Qt.	4 qts	Pk.	Bu.
Prolific German Black Wax	$0 30	$1 00	$1 85	$7 00
Improved Golden Wax	30	1 00	1 85	7 00
Keeney's Rustless Wax	30	1 00	1 85	7 00
Wardwell's Kidney Wax	35	1 25	2 25	8 00
Davis' White Wax	35	1 10	2 00	7 50
Refugee Wax	35	1 10	2 00	7 50
Jones' Round-Pod Wax	30	1 00	1 85	7 00
New Pencil-Pod Wax	35	1 10	2 00	7 50
Saddle-Back Wax	35	1 10	2 00	7 50
Yosemite Mammoth Wax	40	1 35	2 50	9 00

BEANS—Green-Podded.

Long Yellow Six Weeks	25	75	1 30	4 75
Extra Early Red Valentine	25	75	1 35	5 00
Stringless Green Pod	30	1 00	1 85	7 00
New Giant Stringless Green-Pod Valentine	30	1 00	1 85	7 00
Extra Early Refugee	25	75	1 35	5 00
Dwarf Horticultural	30	1 00	1 75	6 50
Early Mohawk	25	75	1 30	4 75
True Bush Lima (Burpee)	30	1 00	1 85	7 00
Imp'v'd Bush Lima (Dreer)	30	1 00	1 85	7 00
Small Bush Lima (Henderson)	30	1 00	1 75	6 50
Wood's Prolific Bush Lima	30	1 00	1 75	6 50

BEANS—Pole or Running.

Early Golden Cluster Wax	35	1 10	2 00	7 50
Extra Early Jersey Lima	30	1 00	1 85	7 00
Sebert's Large Early Lima	30	1 00	1 75	6 50

BEANS—Continued.

	Qt.	4 qts.	Pk.	Bu.
King of the Garden Lima	30	1 00	1 85	7 00
Dreer's Improved Lima	30	1 00	1 85	7 00
Large White Lima	30	1 00	1 75	6 50
Dutch Case Knife	30	1 00	1 75	6 50
London Horticultural	30	90	1 60	6 00
Old Homestead	30	1 00	1 75	6 50
Scarlet Runner	30	1 00	1 85	7 00

SWEET CORN.

Cosmopolitan	25	75	1 30	4 75
Vick's Earliest of All	25	70	1 15	4 25
Mammoth White Cory	20	60	1 10	4 00
Premo	25	75	1 25	4 50
Metropolitan	25	75	1 25	4 50
Kendel's Early Giant	20	60	1 10	4 00
Perry's Hybrid Sugar	20	60	1 10	4 00
Early Minnesota	20	60	1 10	4 00
Crosby's Early	20	60	1 10	4 00
Moore's Early Concord	25	70	1 15	4 25
Potter's Excelsior (Squantum)	20	60	110	4 00
Early Evergreen	20	60	1 00	3 75
Early Mammoth	20	60	1 10	4 00
Hickox's Improved	25	70	1 15	4 25
Black Mexican	25	70	1 25	4 25
Stowell's Evergreen	20	60	1 00	3 75
Country Gentleman	25	70	1 15	4 25
Mammoth Late Sugar	25	70	1 15	4 25

PEAS.

	Qt.	4 qts.	Pk.	Bu.
Vick's Extra Early	25	70	1 15	4 25
Alaska (Earliest of All)	25	75	1 25	4 50
Gradus (Prosperity)	45	1 50	2 75	10 00
Thomas Laxton	45	1 50	2 75	10 00
Nott's Excelsior	35	1 10	2 00	7 25
Vick's King of the Dwarfs	30	1 00	1 75	6 50
Extra Early Premium Gem	30	95	1 70	6 25
New Surprise	30	90	1 60	6 00
American Wonder	30	1 00	1 85	7 00
Bliss' Abundance	25	75	1 25	4 50
Bliss' Everbearing	25	75	1 25	4 50
Vick's Daisy	45	1 50	2 75	10 00
Horsford's Market Garden	25	70	1 15	4 25
Improved Pride of the Market	30	1 00	1 75	6 50
McLean's Advancer	25	75	1 25	4 50
Improved Stratagem	35	1 25	2 25	8 00
Telephone	30	1 00	1 85	7 00
Admiral	25	70	1 15	4 25
Long Island Mammoth	25	80	1 50	5 50
Yorkshire Hero	25	75	1 25	4 50
Champion of England	25	70	1 15	4 25
Duke of Albany (American Champion)	35	1 25	2 25	8 00
Tall Melting Sugar	30	1 00	1 85	7 00
Large White Marrowfat	15	45	75	2 50
Large Black Eye Marrowfat	15	45	75	2 50
Canada Field				2 00

USEFUL HERBS

A few Pot Herbs and Sweet Herbs should have a place in every vegetable garden. Every cook and every good housekeeper knows the value of the little patch of herbs upon which she makes daily drafts in the summer, and which furnishes such a nice collection of dried herbs for winter seasoning, without which the Thanksgiving turkey would be scarcely worth the having; while as domestic medicines several kinds are held in high repute. A very small space in the garden will give all the herbs needed in the family. The culture is very simple; and the best way is to make a little seedbed in the early spring and set the plants out in a bed as soon as large enough. As a general rule it is best to cut the herbs when in flower, tie them up in small bunches, and hang in the shade to dry. We give a list of the herbs generally cultivated and prized. Of some kinds we furnish roots, as will be seen below:

	PKT.
Anise, per lb., $1.00; per ounce, 10 cents	5
Balm, per ounce, 30 cents	5
Basil, Sweet, per ounce, 20 cents	5
Borage, per ounce, 15 cents	5
Caraway, per lb., 75 cents; per ounce, 10 cents	5
Catnip, per ounce, 50 cents	5
Coriander, per lb., 75 cents; per ounce, 10 cents	5
Dill, per ounce, 10 cents	5
Fennel, Large Sweet, per ounce, 10 cents	5
Hoarhound, per ounce, 25 cents	5
Hop Seed, per ounce, $1.50	25
Hyssop, per ounce, 25 cents	5
Lavender, (Lavendula spica,) per oz., 10 cts.	5
True, (Lavendula vera,) ounce, 25 cents	5
American. A symmetrical bush from 12 to 20 inches high. Flowers lavender-colored. Yields honey freely in warm weather. Blooms all summer till killed by frosts. Both flowers and foliage are very fragrant, and retain their pleasant odor after being dried, making the plant very useful and desirable for wardrobes, etc.	10
Marjoram, Sweet, per ounce, 20 cents	5
Rosemary, per ounce, 40 cents	5
Rue, per ounce, 20 cents	5
Saffron, per ounce, 10 cents	5
Sage, per lb., $1.50; per ounce, 15 cents	5
Savory, Summer, per ounce, 15 cents	5
Savory, Winter, per ounce, 20 cents	5
Sorrel, French, per ounce, 15 cents	5
Tansy, per ounce, 30 cents	5
Thyme, Broad-Leaved, or Winter, per oz., 30 cts.	5
Summer, per ounce, 30 cents	5
Wormwood, per ounce, 30 cents	5
Lavender, roots, by mail, dozen, $2.00; each, 20 cents	
Sage, roots, by mail, dozen, $2.00; each, 20 cents	

BOOKS FOR GARDEN OR GREENHOUSE

Postage or Express Charges prepaid on any of these Books.

The Amateur's Practical Garden Book. By C. E. Hunn and L. H. Bailey. Contains complete directions for growing the commonest of things about the house and garden. $1.00

Commercial Violet Culture. By B. T. Galloway. The only comprehensive work on this subject; gives every detail necessary to success. 224 pages. $1.50

The Forcing Book. By L. H. Bailey. Profusely illustrated. A manual of the cultivation of vegetables in glass houses. Full instructions for the construction and management of forcing-houses, preparation of soils, control of insects and fungus diseases; methods of forcing, etc. $1.00

Garden Making. By L. H. Bailey. Contains directions for buildings, fences and hedges, preparation of land, planting trees and shrubs; insects and diseases, tools, laying out grounds, lawn making and planting, pruning trees, raising flowers, vegetables and fruits. $1.00

The Horticulturist's Rule Book. A compendium of useful information for fruit growers, truck gardeners, florists, and others. By L. H. Bailey. Indispensable to every one who cultivates a garden. Cloth. 75 cents

American Carnation Culture. By L. L. Laun-born. A standard work on the culture of the Carnation, revised, and brought up to date. Recognized authority on Carnation Culture in Europe and America. Fourth edition. $1.50

Strawberry Culturist. By Andrew S. Fuller. Showing the history, sexuality, and best culture; how to fertilize, grow from seed, etc. Illustrated. Flexible cloth, 12mo. 25 cents

Greenhouse Management. By Prof. L. R. Taft. Manual on the forcing of flowers, vegetables and fruits in greenhouses and the propagation and care of house plants. 400 pages; illustrated. $1.50

Greenhouse Construction. By Prof. L. R. Taft. A complete treatise for professionals and amateurs; 100 illustrations and plans. Cloth. $1.50

How to Plan the Home Grounds. By Samuel Parsons, Jr. 249 pages; illustrated. $1.00

Insects and Insecticides. By C. M. Weed. A practical manual concerning noxious insects and methods of preventing their injuries. 334 pages, with many illustrations. Cloth. $1.50

Making a Lawn. By C. W. Seelye. A little booklet of ten pages, giving full directions for preparing the soil, grading, time of planting, mowing and after care. Price 10 cents, or free with an order for a quart or more of grass seed.

The Small Fruit Culturist. By A. S. Fuller. Equally adapted to the needs and requirements of the private cultivator and the large grower. Illustrated $1.00

Vick Quality

GRASS MIXTURES

Vick Quality

RIVERSIDE CEMETERY, ROCHESTER, N. Y. SOWN WITH VICK'S VELVET LAWN SEED

A FINE LAWN is admired by all, but thousands do not avail themselves of the opportunity for one, believing that the making of a lawn requires much time and money. Yet how simple and easy it all is. Make the soil light and mellow, so that it will not bake after a rain; and if it is very heavy or clayey, cover the surface with a light coating of fine manure after sowing the seed. For small plots sow about one quart of Vick's Velvet Lawn Seed to a square rod, which will make a beautiful thick turf. For larger areas we give here a table showing how much seed is required for any number of square feet:

For 1 acre, 43560 square feet . 4 bu. or 80 lbs.	For ⅓ acre, 14520 square feet . . 1⅓ bu. or 27 lbs.	For 1-12 acre, 3630 square feet . . 7 lbs.
" ½ " 21780 " " . . 2 " 40 "	" 1/6 " 7260 " " . . 14 "	" 1-16 " 2723 " " . . ¼ bu. or 5 "
" ¼ " 10890 " " . . 1 " 20 "	" ⅛ " 5445 " " . . 10 "	" 1-32 " 1362 " " . . 2½ "

Sow as early as possible in the spring, so as to get the benefit of early spring rains. If it is not convenient to sow then, wait till September;—**do not sow during the summer months.** After sowing, rake seed in thoroughly so that it will be well covered. Rolling improves the appearance of any lawn, and frequent mowing is of course necessary. To stimulate the growth nothing is better than

VICK'S PULVERIZED SHEEP MANURE

a pure, natural, odorless fertilizer and the most nutritious food for all vegetable growth. The best for lawn and garden. Its effect is immediate, lasting, and it can be applied without risk. On lawns its effect is readily apparent and should be applied either in spring or fall to achieve the best results. 6 lbs., 25 cents; 25 lbs., 60 cents; 50 lbs. $1.00; 100 lbs., $1.75; charges not prepaid.

"Making a Lawn," by C. W. Seelye, a little booklet of ten pages, gives full directions for preparing the soil, grading, time of planting, mowing and after care; price 10 cents, or free with an order for a quart or more of grass seed.

Vick's Velvet Lawn Grass. The Velvet Mixture contains all of the very best varieties of grasses suited for the purpose of making a Lawn beautiful in appearance, durable and lasting, and which will stand the frosts of winter and the hot sun of summer, showing a deep rich green at all seasons. The seed used is pure and heavy and especially cleaned, and the finest ever offered. Per quart, 25 cents; lb., 40 cents; postpaid. Peck, (5 lbs.) $1.10; bushel (20 lbs.) $4.00; express or freight not prepaid.

Vick's Shady Spot Lawn Grass. For shaded corners or under trees, where ordinary grasses will not thrive. Per pound, 35 cents, postpaid. 5 lbs., $1.50; 10 lbs., $2.50; 100 lbs., $23.00; express or freight not prepaid.

Vick's Golf Mixtures. For Golf Grounds we make two mixtures: One for Putting-Greens, and another for Fair-Greens. Both are the results of careful trials, and can be relied on to give satisfaction.

Putting-Green Mixture. Per pound, 35 cents, postpaid. 5 lbs., $1.50; 10 lbs., $2.50; 100 lbs., $23.00; express or freight not prepaid. Sow 100 pounds per acre.

Fair-Green Mixture. Per pound, 30 cents, postpaid. 5 lbs., $1.25; 10 lbs., $2.00; 100 lbs., $18.00; express or freight not prepaid. Sow 50 pounds per acre.

By quart and pound we prepay postage.

At the price per bushel and peck we ship by Express or Freight, not prepaid. No charge for bags, packing, or cartage.

For prices and descriptions of various grasses and clovers, and also special hay and pasture mixtures, see pages 85 and 86.

FLOWER SEEDS.

Nature's favorite method of plant reproduction is by seeds; and in this way great numbers of plants can be produced at the least expense; also, such plants, as a rule, are more vigorous and more free from any constitutional defects of vitality. Gardeners, therefore, prefer this method of raising plants whenever it is available, as it is in the case of most annual, biennial, and perennial plants.

Annuals.—Annual plants, or those which, starting from the seed, attain their growth, bloom and perfect their seeds and then die, all in one year, comprise some of the most beautiful flowers of our gardens. The annual plants that have been employed in gardening are exceedingly numerous, and even to name them would make a voluminous list. From this great number, experience has led to a selection of the most desirable kinds; and these are mentioned and described in the following pages. Asters, Balsams, Mignonette, Poppies, Sweet Peas, and Morning Glories, are among the well-known annuals that are wanted in every garden.

Biennials.—The Snapdragon and the Hollyhock are examples of what are called biennial plants; that is, those that live two years. The Snapdragon will bloom the first year from seed, and live over winter and bloom the second summer, and then die; the Hollyhock waits until the second year before sending up its flower-stalks.

Perennials.—Among perennial plants, or those that live a number of years, there are some that will bloom the first year from seed, and some not until the second season. Some of these that bloom the first year will not stand our cold winters, and so they are practically annuals in cold climates, though in mild regions they may live a considerable number of years. The Verbena is an instance of this kind. But many desirable perennial plants are hardy even in very cold climates, and these are important subjects for every flower garden. The Columbine, Calliopsis lanceolata, Perennial Larkspur, and the Foxglove, are examples.

Kinds to plant where they are to bloom.—When the seeds of plants are sown in the garden border most kinds should be transplanted soon after they are up, and be given a considerable space in which to develope properly. A few kinds only are better to be planted where they are to remain to bloom. Some of the most prominent among these are the following: Alyssum, Morning Glory, Centaurea, Eschscholtzia or California Poppy, Mignonette, Nigella, Poppy, Ricinus, Sunflower, Nasturtium, Cobœa, and Sweet Peas. Some even of these it is sometimes desirable to transplant, and of course this should be done only when the plants are quite small.

HINTS ON SOWING SEEDS AND TRANSPLANTING

Sowing Seed. In seed sowing a great deal of skill can be acquired, and those who know least about it are the ones who usually are loudest in their complaints about bad seeds. It is an advantage with many kinds of seed to sow them early, as in the case of onions, which should be sown as early in spring as the ground can be prepared, but cucumbers and egg plants must wait until the ground is warm. Lettuce seed may be scattered on the snow or frozen ground, and as a result will give an early crop, but little zinnia plants would perish in the cold, even if the seeds germinated when treated the same way.

When to Sow Seeds. Although, as has been shown, some kinds may be put into the ground very early, yet as a rule, seed sowing cannot be safely done until frost is all out of the ground and the upper soil has become warm. Some people are so anxious to make their gardens that they do not wait until it is warm enough, and every spring a great many seeds are sown which start and are then cut down by the frost.

Depth to Sow Seeds. For all seeds the soil should be mellow, and for small seeds the surface should be raked very fine. An old rule with gardeners is to cover seeds so that the soil over them shall be twice the thickness of the seed. But something depends on the character of the soil; if it is clayey and liable to bake, it is a good plan to have some sand to spread over the seeds, as this will allow the young plants to push through easily. After planting press down and firm the soil over the seed.

Grass Mulch for Seeds. When fine seeds are to be sown and dry weather or a hot sun is to be feared, it is well to place some short clippings of grass or some such material over the rows; when the little plants start this mulch can be drawn aside a little. At all times seek to secure for the seeds sufficient warmth and moisture.

Sowing Seeds Under Glass. With many kinds of flowering plants and vegetables it is not best to wait until the weather is favorable to sow the seed in the open garden, for much better results can be obtained if they are sown earlier and the plants are large enough to put out when the fine weather comes, for our seasons are too short to allow of any long time to wait for the plants to grow. For this reason we sow seeds in a propagating house or greenhouse, or in boxes in the window, or in a hotbed or coldframe, in some place where the plants can be protected while it is yet cold, and yet have a temperature in which they will thrive.

Hotbeds. Care is required to prevent scorching the young plants. In bright days the heat is intense inside the frame, and unless air is freely given, or some course taken to obstruct the rays of the sun, most likely a great portion of the plants will be ruined. When the sun gets pretty warm give the glass a thin coat of whitewash. This gives a little shade, and, with some air during the middle of bright days, will make all safe. The hotbed is made by forming a pile of horse manure with the straw used for bedding, or leaves, some three feet in height. Shake all together, so that straw and manure will be equally mixed. It may be sunk in the ground a foot or eighteen inches, or made on the surface. On this place about five inches of good mellow soil. Then set the frame and keep it closed until fermentation takes place and the soil is quite warm. It is better to wait a day or two after this, and then sow the seeds.

Coldframe. Some of the advantages of a hotbed can be secured by a coldframe. This is simply a frame with sash, the same as employed for a hotbed, placed upon a bed of fine mellow earth, in some sheltered place in the garden. The heat of the sun warms the soil, and, as the air is confined, the warmth and moisture cannot escape. After the frame is secured in its place a couple of inches of fine earth should be placed inside and the frame closed for a day or two before the seeds are planted. As the coldframe depends upon the sun for warmth, it must not be started as soon as the hotbed, and in this latitude the latter part of April is soon enough. Plants will then be large enough for transplanting to the open ground as soon as danger from frost is over, and, as a general thing, they will be hardier and better able to endure the shock of transplanting than if grown in a hotbed. A frame of this kind anyone can manage. Watering occasionally will be necessary; and air must be given on bright, warm days. Shade also is necessary.

Hand-Glasses. A frame, or box, with a couple of lights of glass on top, prevents the drying of the surface of the ground, and affords the plants shelter from sudden changes, cold storms, and frosty nights. Seeds may be sown in the house in pots, or boxes, but the greatest difficulty is that the soil dries very rapidly in them, and young plants are apt to suffer. A very good plan is to cover the pot with a pane of glass, removing it occasionally for air. Where very fine seeds are sown in pots, the watering, unless carefully done, generally results in great injury. A wet paper placed over the top of the pot will afford moisture enough for the germination of fine seeds. If pots are used it is well to sink them to the rim in a box of moss, or something of the kind, that will hold moisture, and prevent the drying of the earth in the pots. A shallow box may be used to advantage, sowing the seed carefully in narrow drills.

Transplanting. All the operations of the garden should be done with neatness; no crooked irregular rows are admissible. After plants in the seedbeds have obtained their second leaves and made an inch or two in growth, they should be moved to the garden beds or border. This should be done on a dull day, if possible; if not, the plants may require shading after removal until they become established. In transplanting in dry weather, always give the plants as they stand in the seedbed a good soaking with water, and also the soil to which they are removed, an hour or so before removal. In removing, disturb the roots as little as possible.

These helps are intended mainly for tender or half hardy annuals. The hardy annuals may be sown where they are to flower, though, with the exception of a few varieties difficult to transplant, it is best to sow all in a seedbed

VICK'S UNRIVALED ASTERS

The Aster family is divided into numerous classes of varieties, all of which are handsome and worthy of cultivation. Asters, as a class, may be compared with Chrysanthemums; for summer and fall decorations they fill the place of this magnificent flower the best of anything we have. Our illustrations show several of the various forms. Seeds may be sown in the open ground, or started early in the spring in the house or under glass. The large-growing varieties of Asters, such as Vick's Branching, need to be set as much as eighteen inches apart, and the upright varieties, Daybreak, Purity and Victoria types, twelve inches apart in good soil, and will quite fill the space. The soil about the plants should be stirred frequently during the summer, and a vigorous growth encouraged. The dwarf varieties make beautiful border plants. To produce extra large show flowers, remove all the buds on lower portion of the plant, allowing only from five to seven buds on the main stem to remain. Annual.

VICK'S VIOLET KING

This spring ushers in a new era in the family history of the Aster. After many years of careful hybridization and selection, we now have the supreme satisfaction of offering the seed of a new and distinct variety, one that is bound to prove the

Leading Novelty of the season.

The habit of this new comer is similar to the popular Vick's Branching, vigorous in growth, with long stiff stems, and luxuriant foliage of the richest green. In form the flower is

Entirely Distinct from other varieties;

petals somewhat resemble the quilled varieties, but are much larger and broader, those in the center being fantastically twisted, curled and incurved, completely covering the crown. In shape and size the bloom is round, full and very large, many of

The Flowers measuring from Four to Five inches in diameter

Its color is a soft violet-lilac. This Aster is easily the peer of the grandest Chrysanthemum, with all the advantages in favor of the Aster, especially its ease of culture, since no greenhouse is required, and its continuous and prolific blooming during the summer and early fall. Our exhibit of Asters at the New York State Fair last September called forth many laudatory remarks, but Vick's Violet King was the most highly praised of all. Florists who have seen this new Aster predict for it a future equal to that of other famous varieties introduced by us in the past. Unfortunately while absolutely honest as to representation, photographs never render nature what is her due.

To appreciate this unique Aster it must be seen.

We urge our friends to accept this opportunity of securing a supply of this seed.

Packet, 25 cents.

VICK'S NEW VIOLET KING ASTER

THIS ILLUSTRATION IS NATURAL SIZE OF THE FLOWER

VICK'S COMET ASTERS

Empress Frederick

This superb new variety grows from fifteen to eighteen inches high, bearing pure white flowers, from four to five inches across, of a perfect comet shape The plant is very sturdy and vigorous in growth, making it an ideal sort for pot culture. **Packet, 15 cents.**

Giant Comet

A superb class, differing from others in its long, wavy, twisted florets, which are formed into a head three and one-half to four and one-half inches across. One of the most perfect of Asters, and should be included in every collection.

Separate colors, white, rose, crimson, light yellow, lilac and white, dark violet, rose and white, azure blue, azure blue and white, white passing to light blue; the Bride, white passing to rose; any three for 25 cents; each 10

Mixed colors 10

Hohenzollern

New. Of the large-flowering, branching Comet type. Flowers four to six inches across. Two colors—rose and white—each 20

VICK'S DAYBREAK

This beautiful Aster is one of those rare gems that has come to stay; no private garden is complete without it; and for florist's use it is unsurpassed. The flowers are round as a ball, very large and full, on long stems; the color a lovely sea-shell pink. The plant flowers very early, and is a continuous free-bloomer, a compact strong grower, and in all respects a desirable acquisition . . . 10

VICK'S PURITY

This new Aster is the handmaid to our Daybreak, being identical with it in form and habit, but the blooms are pure white. A finer combination of color cannot well be imagined than the massing together of these two beauties, either in bouquet groups or for decorative design. The plant is an early and free bloomer, like its companion . 15

VICK'S BRANCHING

Late-flowering. This exceptionally fine Aster is without a rival. It is as well known in Europe as in America, and although we placed it on the market only a few years ago, to-day every florist has a fine stock of the flowers in his window just before the Chrysanthemum comes in; and it is often mistaken for the Chrysanthemum, which it so much resembles. The flowers are of extraordinary size—much larger than other varieties,—and stand erect on long, graceful stems, well above the foliage; flower stems 15 to 20 inches long. Grand for cutting. Plants extra large and of strong growth; one plant will cover a space two and a half feet square. By far the most satisfactory Aster grown.

Snowy-white, pink, rose, crimson, purple, lavender, each 10

One packet each of the six colors for 45

Above colors mixed 10

Dark Violet. Our latest addition to the list of Branching Asters. It is a very deep rich shade of violet, a color entirely new in this class, and one that will fill a long-felt want for a dark flower to use in contrast with light colors for floral design and decorative work 10

VICK'S SNOWY-WHITE BRANCHING ASTER

VICK'S LAVENDER GEM

The color of this new variety is the most beautiful ever seen in the Aster. When first opened the flower is an exquisite shade of delicate lavender, deepening with age. The flower is always full double, showing no tendency to produce single or semi-double blooms. The feathery effect of the Ostrich-feathered type, to which it belongs, is enhanced by the fact that it bears a large proportion of long, partly tubular florets, that are irregularly cut and slashed, so that the flower looks like a ragged Chrysanthemum. The plant is erect and of medium height, branching close to the ground. The flowers are borne in profusion on long, slender, wiry stems. In season it comes between Queen of the Earlies and Vick's Daybreak. To the florist the value of Vick's Lavender Gem can scarcely be overestimated 25

VICK'S EARLY SNOWDRIFT

Is certainly the Earliest Aster in cultivation.

being a few days in advance of Queen of the Earlies, while the flower is not surpassed in beauty by any of the later varieties. The leaves are narrow and sparse, and the branches spring from close to the ground. The entire energy of the plant seems given to the production of twelve to twenty long, slender, upright stems, crowned with immense feathery flowers. The long, recurved petals give the flowers an exceedingly graceful effect, heightened in many cases by the ragged, irregular character of the petals in the center of the flower. The type is well established, the flowers all coming perfectly double 25

BALL OR JEWEL

A beautiful class, selected from the well-known Peony Perfection race, somewhat dwarfer in habit than the latter, with shorter florets; flowers round as a ball. Mixed 10

BOLTZE'S DWARF BOUQUET

Each plant looks like a bouquet of flowers. Fine for edgings or small beds. About twelve different colors mixed 10

CHRYSANTHEMUM-FLOWERED

A desirable class, one foot high. Late, and valuable on this account, as well as for its great beauty. Mixed colors, or white, rose, fiery scarlet, light blue, each 10

QUILLED GERMAN

A showy class, from one and a half to two feet high, with quilled flowers and branching habit. Mixed colors 5

COCARDEAU, OR CROWN

Two-colored blooms, the central florets pure white, sometimes small and quilled, surrounded with large flat florets of a bright color. Plant eighteen inches high. Mixed colors 10

LADY ASTER

The distinguishing features of this Aster are its profusion of bloom and the distinctness of its foliage. The leaves are long and narrow, light green in color. The plant is light and graceful in habit, and bears from forty to sixty buds, which develop gradually, affording a prolonged season of bloom. The small flowers are very double, semi-globular, about an inch and a half in diameter, produced on slender stiff stems, and are excellent for floral design work. Mixed colors 10

LARGE-FLOWERED ROSE

One of the very best. Two feet in height; robust. Flowers large, finely imbricated, and of great substance. Mixed colors 10

MID-SUMMER TRIUMPH

Dark Scarlet. Various early-flowering Asters have been introduced, but not one has combined perfection in form with earliness of bloom. This variety, however, combines both these features. Plants small and bushy. Flowers deep scarlet-red, of perfect incurved shape. Blooms as early as the 25th of June, and remains in bloom longer than any other variety. 25

OSTRICH PLUME

A class with pure white and rose-colored flowers similar to Giant Comet, but with longer petals and the plants more free-blooming. Each color . . 10

QUEEN OF THE EARLIES, or Earliest Paris

An improved strain of our own growing; fully three weeks earlier than any other variety, excepting Mid-Summer Triumph. Should be cultivated by every up-to-date florist. 15

QUEEN OF THE MARKET

This variety is two weeks earlier than most other sorts. Plants dwarf and branching; flowers quite double; valuable for cutting. White, rose, crimson, light blue, dark blue, and all colors mixed, each 10

ASTERS—Continued

VICK'S MIKADO

A novelty of sterling merit. The flowers of this beautiful new white variety are immense, measuring four and a half to five inches in diameter, with curled and twisted petals, resembling huge Chrysanthemums, and are borne on long, stiff stems. The blooming season is most opportune, coming between the Extra Earlies and the late Branching sorts, thus enabling the Aster grower to have a fine display from mid-summer till heavy frosts. Plants grow from eighteen inches to two feet high. *If you wish an up-to-the-minute Aster collection do not fail to secure this charming novelty.* Packet, 25 cents.

VICK'S DWARF BRANCHING

A new strain of our famous Branching Aster, growing about fifteen inches high. Its time of blooming is about that of Vick's Purity, the flowers being large and full to the center, petals flat and somewhat incurved, of a bright purple color, and produced on rather slender stems. Good for cutting or bedding Packet, 10 cents.

TRUFFAUT'S PEONY-FLOWERED PERFECTION

A standard Aster, two feet in height, blooming very freely; the flowers are large, very double, peony-like, the florets mostly incurved. The colors range from pure white to light blue, lilac, crimson, rose, and scarlet, each 10

Amethyst. A superb new color in the Peony-flowered race. Flowers white at first, changing with age to a beautiful amethyst 10

Mixed colors 10

VICTORIA

One of the finest. Two feet high; habit pyramidal; flowers large; having, with one or two exceptions, the greatest range of colors of any of the Asters.

White.	Rose and White.	Dark Scarlet.
Light Yellow.	Carmine Rose.	Light Blue.
Apple-blossom.	Crimson.	Dark Blue and White
Peach-blossom.	Dark Crimson.	Violet.

One packet each of the above twelve varieties 85 cts.

Separate colors, each 10

Mixed colors 10

DWARF VICTORIA

The finest class of Half-Dwarf Asters, and the best for pots. For size, color, and profusion of bloom it is unsurpassed. Mixed colors, or dark scarlet, white, rose, dark crimson, light blue, rosy lilac, apple-blossom, peach-blossom; each 10

ASTER, VICK'S MIKADO

MIXED ASTERS

Tall varieties mixed, ounce, $1.50 5

Dwarf varieties mixed, ounce, $1.50 5

AGERATUM

The Ageratum is interesting on account of its neat, bushy habit, and its pretty, brush-like flowers, which are produced in clusters constantly all through the summer. Seeds may be sown in a mellow seedbed in the open ground, or under glass early in the season. The plants serve well in carpet bedding. Annual.

Grandiflorum album. A large-flowering pure white variety. The plant is of medium height and vigorous growth, and has luxuriant green foliage, above which the relatively large flowers of beautiful shape are gracefully upheld by long stalks 5

Conspicuum. Fine white, 18 inches 5

Lasseauxii. Compact plant; flowers pink; 18 inches 5

Swanley Blue. A fine, large-flowering dwarf variety; flowers deep blue . . 5

Little Dorrit. Six inches high and one foot through, covered with a mass of azure blue flowers 5

Little Dorrit White. Same as above, except in color of flower 5

Blue Perfection. A new and splendid dwarf dark blue bedding variety, the darkest of all blue Ageratums that can be grown from seed 5

Princess Victoria Louise. A beautiful Tom Thumb variety, differing from all others by its beautifully colored flowers, being bright blue, with white center, the contrast being really exquisite 5

Mixed varieties 5

ASPERULA

Azurea setosa. A charming little, profuse blooming hardy annual, bearing clusters of fragrant sky-blue flowers, admirably adapted for bouquet-making. One foot 5

Odorata. A perennial of delightful fragrance; it is the Mayflower of the Germans, being used in their Maitrank or May wine. The flowers are pure white, and the whole plant is often dried and preserved for its perfume. If kept among clothes it imparts an agreeable odor to them. Six inches . 5

AQUILEGIA

Aquilegias are probably known better as Columbines. Thrive well with ordinary garden culture, but are quite at home under the spray of a fountain or by the water side. The plants are perfectly hardy and form large clumps from one to two feet in diameter, and produce a large number of flowers early in spring. Seeds may be sown in open ground. Plants can be increased by division of root. Perennial.

Carnation or Striped. White, with red stripes; double. Eighteen inches 10

Chrysantha. A beautiful, large-flowered, canary-yellow variety. Excellent. Three feet 5

Skinneri. Very beautiful. Colors scarlet and yellow. Two feet 10

Cœrulea. Flowers large; sky-blue and white 10

Glandulosa vera. Large, erect, dark blue flowers; pure white corolla . 10

New Large-Flowering Hybrids. Large yellow, with orange spurs . 10

Sulphur yellow, with blue spurs 10

Mixed varieties, single or double, each 5

BED OF SWEET ALYSSUM

ALYSSUM

Every garden should have plenty of Sweet Alyssum; its small white flowers, borne in great profusion, are delicately fragrant and valuable for cutting. It is a good basket and pot plant, and valuable for carpet bedding. In the border sow thickly, so as to make a mass. It is desirable to sow the seeds early in spring, or even in the previous autumn. To prepare a basket for winter blooming, sow the seeds about the last of August. If the plants come up thickly, thin them out; a dozen plants are enough for a good-sized basket. When out of bloom cut back, and they will produce another crop of flowers.

Sweet. Hardy annual. Flowers small and sweet. Ounce, 25 cents . . . 5

Benthami compactum (Little Gem). A dwarf, compact, annual variety, not over six inches high, bearing its pure white fragrant flowers in the greatest profusion during the entire summer. Ounce, 50 cents 5

Carpet of Snow. Only two or three inches high. A profuse bloomer, showing as many as 300 heads of snow-white flowers at one time on one plant. Annual 10

Saxatile compactum. Perennial, ten inches high, compact habit, golden yellow flowers. The popular name is Gold Dust 5

ADONIS—Pheasant's Eye

Æstivalis. Flos Adonis, or Pheasant's Eye, has finely-cut foliage and brilliant scarlet flowers. It will do well in partial shade, and may be used to advantage in any corner of the garden. Twelve to eighteen inches in height. It blooms in early summer. Annual. 5

Vernalis. A handsome perennial border plant, about a foot in height. Prefers a light soil. Flowers yellow 5

ANTIRRHINUM

SNAPDRAGON

These showy, half-hardy perennials are usually treated as annuals. They grow two to three feet high, and are covered with bloom. They are easily raised from seed sown early in spring in warm dry soil. If the plants are not weakened by blooming too much the first year, they will stand over winter. In poor dry soil they will bloom best and last longest. A few leaves scattered over the plants will give a little protection in winter. To produce good flowering branches for the second season, cut back a number of the branches in midsummer about one-half or two-thirds; then new shoots will start out, which will be ready to bloom the following season.

Brilliant, scarlet and yellow. **Carnation Striped,** irregularly striped. **Firefly,** orange and scarlet, with white throat. **Galathe,** crimson, throat white. **Luteum,** yellow. **Papilionaceum,** blood-red, throat white. **White.** Seven varieties, each. 5

One packet each of the above seven varieties for 25 cents.

Fine Mixed. Ounce, 50 cents 5

New Giant-Flowered. Fine large flowers, double the size of ordinary sorts, of a rich velvety texture. **Bright Crimson; Brilliant; Chamois; Deep Scarlet; Firefly; Galathe; Yellow; Rose; Striped; White;** each 10

One packet each of the above ten varieties for 70 cents; or any six for 45 cents.

Extra Fine Giant-flowered Mixed 10

Tom Thumb. Very pretty dwarf plants, about six inches high, and of the usual colors described above. Mixed colors 5

BALLOON VINE—Cardiospermum

Love-in-a-Puff. A pretty rapid-growing summer climber, with small white flowers, followed by curious inflated seed-vessels. Thrives in light soils. Sometimes grown in pots on verandas, etc. Annual 5

AMARANTUS

Our warm summers suit admirably the varieties of Amarantus cultivated for ornament. These are plants which are striking on account of their foliage or peculiar mode of bloom. In rich ground the plants and leaves are of large size, but the coloring is apt to be less bright. The seed can be sown in the house, in a hotbed, a coldframe, or in a seedbed in the garden, and the plants transplanted into place; or the seeds can be sown where the plants are to stand, if the soil is fine and the spots protected. They should be given sufficient space to develop on all sides. Fine in borders of tall plants, or for center of large beds. Annual.

Atropurpureus. A fine variety with blood-red foliage and racemes of flowers in erect masses. 5

Caudatus (Love Lies Bleeding.) Long drooping "chains" of flowers. Pretty for decorating. Three feet high 5

Henderi. Foliage beautifully variegated. Two feet. Should be in every collection 5

Sunrise. The most brilliant of the family. Top of plant brilliant crimson, the lower leaves dark maroon. Four feet. 10

Tricolor (Joseph's Coat). Red, yellow, and green foliage. Two feet . 5

All varieties mixed 5

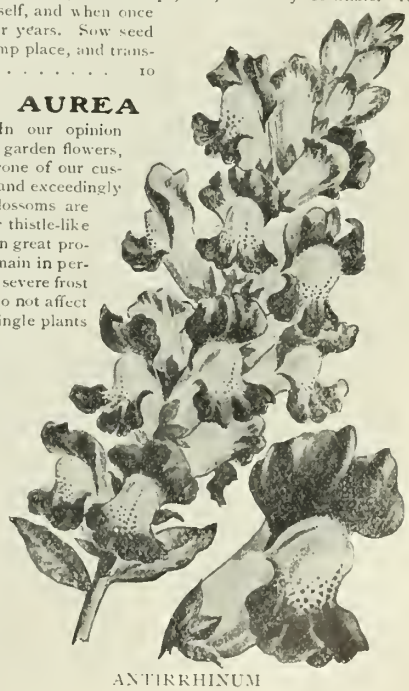
ALLEGHANY VINE

Adlumia cirrhosa. Sometimes called Wood Fringe, Mountain Fringe, or Climbing Fumitory. This graceful hardy climber deserves a place in every garden. Its delicate feathery foliage somewhat resembles that of the Maiden Hair Fern, and its panicles of drooping flesh-colored flowers completely cover the plant. For covering trellises, tree stumps, etc., it is very desirable. It is biennial, but re-sows itself, and when once established will remain for years. Sow seed in the spring, in a cool damp place, and transplant in autumn 10

BARTONIA AUREA

Golden Bartonia. In our opinion this is one of our brightest garden flowers, and we recommend everyone of our customers to try it. Its large and exceedingly brilliant glossy yellow blossoms are thrown well above its gray thistle-like foliage, and are produced in great profusion all summer, and remain in perfection until destroyed by severe frost in autumn. Light frosts do not affect it. Fine for masses or as single plants in borders. Seed should be sown where the plants are to stand, as it does not bear transplanting. Annual. Two feet . . . 5

"VICK QUALITY" has been the Standard of excellence for over half a century.



ANTIRRHINUM

BALSAM

The garden Balsam, or Lady's Slipper, is one of the most beautiful and most popular of our tender annuals. It is a native of India, and likes a bright sun and warm weather. The seed should be sown in the house, the hotbed, coldframe, or in a warm, sheltered spot in light soil in the garden, after the ground has become warm. The seeds germinate quickly, and young plants make a rapid growth. When they are an inch or two high, transplant the seedlings four or five inches apart, so that they may have light and air on all sides, and by the time they are about four inches high transplant to their permanent place. Set the plants at least a foot apart, in well enriched soil. Two feet high.

Improved Camellia-flowered, New White Perfection 10
Improved Camellia-flowered. The flowers are very large, and extra double. A superb strain. Mixed colors 10
Camellia-flowered Deep Blood Red. Very double. Extra fine 10
Camellia-flowered White. Double 10
Camellia-flowered Spotted. Very double flower, spotted with white. Mixed colors 10
Camellia or Rose-flowered. Very double. Perfect form. Mixed colors 10
Carnation. Double; striped like the Carnation 10
Solferino. White, striped and spotted with red 10
Common Double. Occasionally only semi-double. Ounce 40 cents 5

This set of four,—Camellia-flowered White, Deep Blood Red, Spotted, and Carnation Striped,—for 30 cents.

BRACHYCOME

Swan River Daisy. A charming flower in white and blue varieties. The plants grow about twelve inches in height and bloom freely. They make elegant border plants, either in separate colors or mixed. The flowers are fine for cutting, and the neat slender foliage is well adapted for bouquet making. Annual. Seed may be sown in the open border after the weather is warm, or in the house earlier. Blue, white, or mixed, each 5

COBŒA SCANDENS

One of the most beautiful annual climbers, of rapid growth, with fine foliage, flowers bell-shaped, almost 1½ inches across and two inches long. In good soil the stems often grow twenty or thirty feet long and cover a large surface. Plants begin flowering when quite young. Put the seed in barely moist earth, *edge down*, and merely cover with light soil. Do not water until the plants appear, unless the soil is very dry.

Purple . . . . . 10 **White** 10

CHRYSANTHEMUMS

The glorious and showy autumn-blooming Chrysanthemums, so much admired and cultivated, have their relatives among summer annuals, which are easily raised from seed. There are many very elegant flowers among these annual varieties that would be quite a surprise to those who know the Chrysanthemum only by the late introductions. They are free-blooming, showy border plants, and the flowers are very desirable for cutting. Seeds can be sown in the open seedbed, or where the plants are to stand, provided the plants are thinned out to eight or twelve inches apart. A little shade, or shade in the after part of the day, is desirable for them. Pinch them back until July 15th, to make them grow branching and stocky.

ANNUAL VARIETIES

Golden Feather. Plants semi-dwarf, with yellow foliage. Mixed colors 5
Single varieties. Mixed colors 5
Double White, Double Yellow, and **Double Mixed,** each 5

PERENNIAL VARIETIES

Seed of Perennial Chrysanthemums should be sown in February or March, in the house. If slightly covered, and placed in a warm temperature, they will soon germinate. If the seedlings are pricked off at once into pots and placed near the glass, good plants will soon be obtained. By the middle of May they may be planted out of doors. For after treatment see Plant Department.

Marguerite, or Paris Daisy. Elegant bushy plant, one to two feet high. Blooms all summer in the garden, and fine for winter flowering. Flowers white, star-shaped 10
Greenhouse varieties. Mixed seeds selected from a choice collection . 25

CALENDULA

The well-known Pot Marigold, valued for flavoring soups and stews. Flowers are dried in fall and kept in paper bags for use. In mild climates this plant will bloom nearly all the year round, and make a fine show in the flower-garden. Seeds can be sown in early spring in open ground. Hardy annual. About one foot in height.

Double Sulphur. Flowers very large and double. Color light lemon-yellow 5
Meteor. Handsome, double, and beautifully striped, the petals having a creamy center edged with orange-yellow 5
Orange Giant. The finest large-flowered orange. Very double 5
Pure Gold. Flowers golden yellow, extra large and very double 5
Prince of Orange. Fine orange. Double 5
Mixed Varieties 5

CATCHFLY. Silene Armeria. A bright-colored, free-flowering annual, grown largely for spring flower-gardening. Suitable for rock-work or open border. Succeeds in a light, loamy soil. Red, white, and rose, mixed. 5

DOUBLE BALSAM

CANNA

The Cannas are perennials, but will bloom the first year if seed be sown early. Seeds should be soaked for twenty-four hours in warm water before sowing.

Crozy's New Hybrids, saved by Mr. Crozy from the handsomest of his new introductions. These new Cannas are the most gorgeous bedding plants we have. Most of them are dwarf in habit, early bloomers, and remarkable both for beauty and size of flower and foliage. If seeds be sown before April in hotbed or greenhouse, the plants will bloom in July, and continue until frost. These plants may be potted in the fall and kept blooming through the winter, or the roots may be taken up in late fall and kept over like Dahlias and re-planted in the following spring. Mixed varieties 10
Madame Crozy. Brilliant vermilion-scarlet, bordered with deep golden yellow 10
Alphonse Bouvier. Brilliant crimson, foliage green 10
President Faivre. Fine dwarf, dark-leaved variety 10
Queen Charlotte. Crimson-scarlet, bordered with gold. 10
Jules Cretien. Yellow, splashed with orange. 10
Mixed Tall Varieties of the old types. Among these are many fine colors not represented in the newer sorts. Ounce, 20 cents 5
Dark-leaved varieties mixed, ounce 40 cents 10

CYPRESS VINE

Ipomœa Quamoclit. This delicate and symmetrical climber, with its dark green feathery foliage, is one of the most graceful and beautiful of garden vines. For training upon a light trellis it is unexcelled. Its scarlet or white flowers are produced in profusion, and its finely-cut foliage is well adapted to ornamental work. When plants are set in rich soil, where they are to grow, they will reach a height of ten feet; or, if planted thick, they will soon make a screen of the most exquisite foliage and flowers. Soak the seeds over night in warm water before sowing. Scarlet, White, or mixed, each, per ounce, 25 cents. 5

DATURA

Large, strong-growing plants, with large, trumpet-shaped flowers. Roots can be preserved in the cellar like Dahlias. Three feet in height.

Wrightii. The best single variety; white, tinged with lilac, sweet-scented 5
Double varieties mixed 5

CENTAUREA

The following Centaureas are perfectly hardy annuals, of easy culture, and are general favorites both for the garden and for cut-flowers. Seed should be sown early where plants are desired to bloom. Plants should stand one foot or more apart each way.

Cyanus (Bachelor's Button, Corn Bottle, and Ragged Sailor, known in Germany as the Kaiser Blumen and Corn Flower). Blooms in almost any situation. Eighteen inches to two feet. Various colors mixed 5

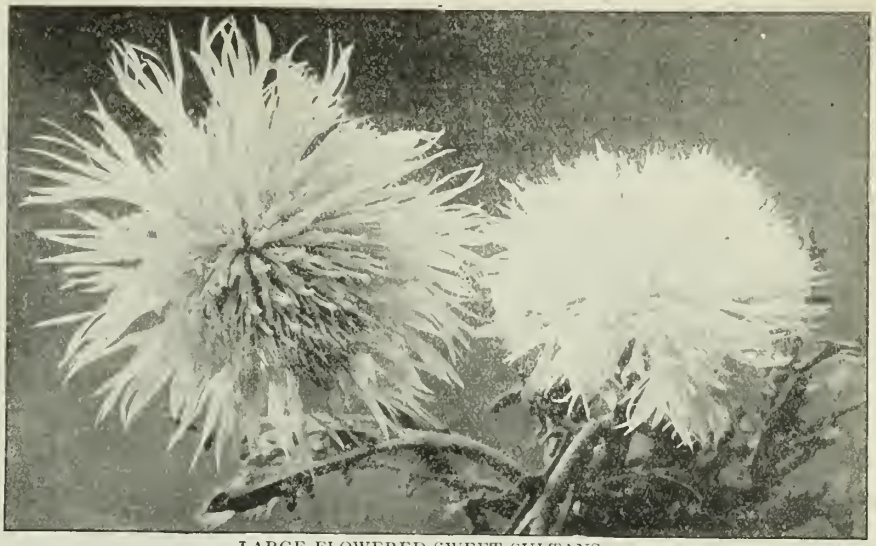
Emperor William. Fine dark blue. 5

Pure White 5

Victoria Dwarf Compact. A charming miniature variety. Fine for pots and edgings 10

Americana. Lilac-purple. The largest flowering of the Centaureas. Plants two feet high. Flowers sometimes four inches in diameter; handsome 10

Suaveolens. (Yellow Sweet Sultan). Bright sulphur yellow; very fragrant. Blooms all summer. Splendid for bouquets. Eighteen inches 5



LARGE-FLOWERED SWEET SULTANS

LARGE-FLOWERING SWEET SULTANS

These mammoth new varieties are great improvements on the old Sweet Sultans. They are as easily cultivated, and succeed everywhere. The flowers are two to four inches across, of graceful form, and of the sweetest fragrance. Being on long, stiff stems, they are admirably adapted for bouquets, vases, etc., and are splendid as corsage flowers. They will keep in good condition a week after being cut.

Odorata. Light blue. Two feet in height. 10

Chameleon. Sulphur-yellow, changing to creamy white, and again to pink. Two feet 10

Margueritæ. Pure satin white. Two feet 10

Imperialis. A new strain of Giant-flowering Sweet Sultan, and the finest of all for cut flowers. Blooms continuously from summer till autumn. The flowers are of various colors, from glistening white, through shades of pink, lilac, crimson, and violet, to purple. Very fragrant. Plant vigorous, nearly four feet high, and covered with enormous flowers on very long stems. Mixed colors. 10

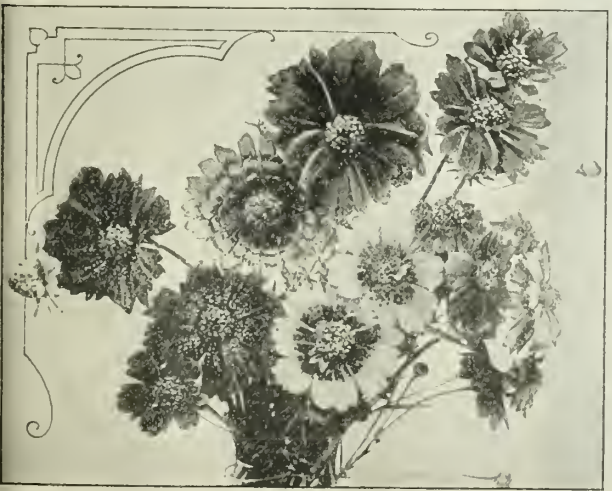
SILVER-LEAVED CENTAUREAS—DUSTY MILLERS.

These are white-leaved perennial varieties, much used for ribbon-borders and edgings of beds, not being allowed to bloom. Succeed anywhere.

Candidissima. Entire plant silvery-white. Leaves much divided. Flowers purple. 10

Clementei. Entire plant densely white-woolly. Leaves broadly cut. Flowers yellow. 10

Gymnocarpa. Whole plant velvety-white. Leaves silver-gray, finely divided. Flowers rose-violet. 10



CALLIOPSIS

COCKSCOMB—CELOSIA

Celosias are interesting and brilliant annuals, and when well grown from seed of good quality never fail to please the grower and attract attention. There are two desirable forms of the Celosia, the Cockscomb and the Feathered. There are several colors, red, orange, and yellow, but the bright reds are the best. These combs are often grown a foot or more across the top.

COCKSCOMB.

Crimson Giant. One of the largest and brightest Cockscombs. 10

Glasgow Prize. Fine dwarf. Dark leaves and crimson comb 10

All-a-Glow. A magnificent large-headed dwarf Cockscomb. Ruffled combs, scarlet edged, with depths of glowing orange-scarlet 25

Dwarf varieties mixed 10

Tall varieties mixed 5

FEATHERED CELOSIA

The Feathered Celosias have feathery plumes of great size and beauty. The following are the best of this class in cultivation, and come true from seed.

Superba plumosa. Superb feathered, bright crimson 5

Thompson's Superb Feathered. Splendid. One of the best of the late introductions 10

Golden Plume. Bright golden yellow. Habit pyramidal 5

Mixed colors 5

CALLIOPSIS

Plants about two feet in height, of slender growth, and should be given plenty of room to spread. The flowers are of various shades of yellow and orange, variegated with rich velvety crimson or maroon. These graceful flowers are excellent for bouquets, their warm and brilliant tints harmonizing well with all other colors. The seeds grow very readily, and may be sown where the plants are to flower. Annual.

Coronata. Very showy large yellow flower 5

Drummondii (Golden Wave). Plants bushy and compact, covered with rich golden yellow flowers, chestnut-brown center 5

Tall Varieties Mixed 5

Dwarf Varieties Mixed. 5

TOM THUMB VARIETIES.

The Tom Thumb varieties are admirable for edgings or pots.

Golden King. Fine for cutting 10

Bicolor. Yellow, with dark brown center 5

Atrosanguinea. Dark crimson 5

Tom Thumb Varieties Mixed 5

COREOPSIS

Grandiflora. One of the best hardy perennials. Very free-flowering. The large, showy, golden yellow flowers are borne on long stems, and will last a week or more when cut, making them very desirable for that purpose. Will grow anywhere. Two to three feet 1

Lanceolata. Similar to the above. Used extensively for cut flowers . . 10

At prices quoted in this Catalogue, we prepay postage or express charges unless otherwise noted.

CANDYTUFT

Candytufts have long been among the most highly prized of garden annuals. The best effect is produced by raising the plants in masses, the seeds being sown where the plants are to bloom. Sow in rows six to eight inches apart, and thin out the plants so that those remaining will have plenty of room. The soil should be rich, and when blooming time comes keep the plants well watered, especially if it be a dry time.

Purple, White Rocket, Sweet-scented, Flesh, Extra Dark Crimson, each, ounce, 30 cents 5

New Carmine. True to color 10

One packet each of the above six varieties for 25 cents.

Mixed colors of above six varieties, ounce, 20 cents 5

Empress. A pure white variety, of large size, and the finest in cultivation. Strong, free grower, producing large trusses of flowers, on candelabra-formed branches; individual flowers of large size. After devoting several years to selecting and saving seed from only the most perfect flowers, we have succeeded in procuring an extra fine strain of this grand variety. Ounce, 50 cents 10

Dwarf Hybrids. Six inches high, bloom the entire season, fine for edgings. Mixed colors 10

CANDYTUFT, HARDY

Handsome, hardy perennial plants, well adapted for permanent borders or clumps. Valuable for early decorating.

Iberis sempervirens. White, one foot. 10

Gibraltarica. Large, showy flowers; lilac, shading to white. One to two feet in height 10

COSMOS

A strong grower, having elegant foliage, and for fall blooming has no superior. Seed sown in the house or hotbed in March or early in April, and the young seedlings transplanted to the open ground as soon as the weather is warm, will produce plants three to five feet high by September, which, thereafter, and until November, will yield hundreds of blossoms three inches across. The flowers are of various shades from pure white to purplish crimson. Both foliage and flowers are unsurpassed for bouquets and vases. Annual.

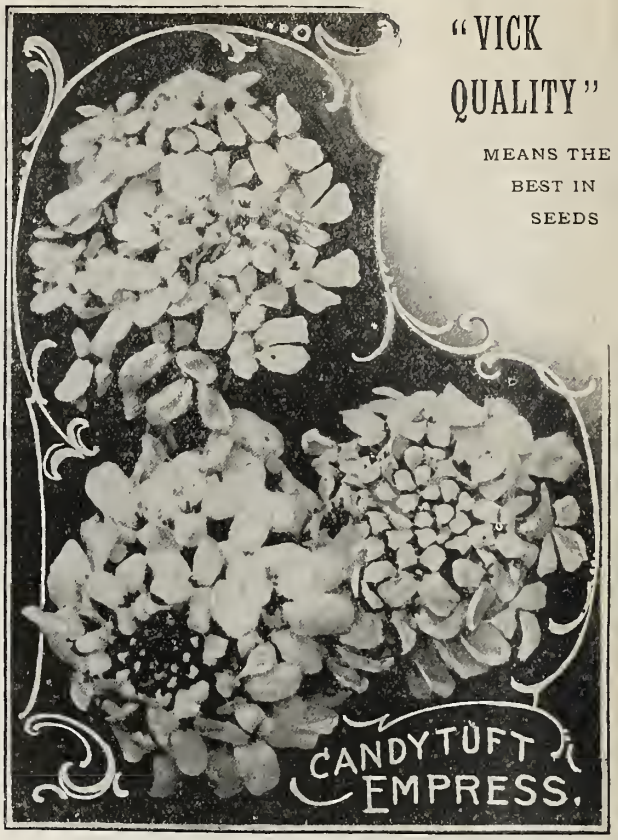
Mammoth Perfection. A vast improvement over the old sort; flowers double the size, the petals being broader and over-lapping, forming a perfectly round flower. Fine for cutting for bouquets and vases, keeping several days in water, and lasting out doors until cut down by frosts. The foliage is one mass of feathery emerald green. If grown in pots and housed by the end of September, they will flower all winter. Pure White, Pink, Crimson, each 10

Mammoth Perfection Mixed. 10

Fine Mixed 5

Dawn, New Early Dwarf, Large-Flowering. More bushy and compact than the older varieties, and grows only about four feet, while all others attain a height of six to seven feet. The flowers are fully as large as those of the old sort, pure white, with a tinge of rose. *They commence to bloom in July* and last until frost 10

COSMOS



CAMPANULA

The well-known popular, large bell-shaped flower, known everywhere as Canterbury Bell, is a biennial Campanula. There are double varieties of every color, but, though curious, are not really as beautiful as the old single bell; they lose that light transparent grace that is so attractive in a flower.

Medium (Canterbury Bell). Flowers large. Plants two feet high. Biennial.

Single varieties mixed 5

Double varieties mixed 5

Calycanthema (Cup and Saucer.) Beautiful flowers, three inches long, saucer three inches across. Plants form pyramids of bloom about two feet high, and frequently bear 150 blossoms for weeks during the early summer. 5

Carpatica. Hardy perennial, six inches high, blooming the whole season. White and blue, mixed 5

Pyramidalis. A grand hardy perennial species, known as the Chimney Bellflower. Plants three feet high, of pyramidal form, bearing hundreds of beautiful cup-shaped flowers. Suitable for the garden or pots. Blue and white, mixed . . 5

Grandiflora (Platycodon). Hardy perennial, producing large broad bell-shaped, showy, deep blue flowers, during the whole season. Very desirable for planting in permanent borders or among shrubbery 10

DOUBLE DAISY

Sow the seed very early. The flowers are abundant in early spring, and may be continued later by the use of water. Plants can be removed safely even when in flower. Set about six inches apart in a cool border. Perennial.

Best German Seed, mixed colors 10

White. Constant 10

Longfellow. Large, rose-colored flowers. 10

Snowball. Of all Daisies grown from seed this is decidedly the best. Unusually large type; perfectly double and pure white, having long stiff stems. Valuable for cutting for bouquets . . 15

CHINESE AND JAPANESE PINKS

The varieties of Dianthus known as Chinese Pinks and Japanese Pinks are among the most brilliant of our garden flowers, and are worthy of particular care. The plants are from twelve to fifteen inches in height. Seeds can be sown under glass in the spring, or in an open, sheltered bed. The young plants are easily transplanted, and should be set from eight to twelve inches apart. Bloom the first summer, and also the second if the flowers are freely picked during the season, and the plants are protected in the winter.

CHINESE OR INDIAN PINK.

Best double varieties mixed, ounce, 50 cents 5

DOUBLE IMPERIAL PINK.

White and Red Striped; White and Purple Striped; Blood Red; White; each 5

Set of Four for 15 cents.

All Colors mixed 5

HEDDEWIGII—Single.

A beautiful strain of Japan Pink. The flowers are large and exquisitely colored in pink, rose, purple, maroon, and white, with occasional patterns of black and white; the petals finely fringed.

Crimson Belle. Brilliant dark red; very handsome 5
Eastern Queen. An exquisite rose color 5
All Colors mixed 5

HEDDEWIGII—Double.

The rich color patterns are similiar to those of the single varieties, but the flowers are very double.

Mourning Cloak. Rich blackish crimson, tipped and fringed with snowy white. Large and handsome 5
White. Large double flowers 5
Diadem Pink. One of the most marked of the Heddewigii varieties. Brilliant markings and dazzling colors. Mixed 5
All Colors mixed 5

LACINIATUS.

Flowers deeply fringed, both single and double, and of very choice colors.

Salmon Queen. A very distinct tint; the most brilliant salmon color imaginable, changing into a rosy salmon. Single and double mixed . . 10
Sanguineus, blood-red 5
Single, all Colors mixed . . . 5 **Double, all Colors mixed** . . 5
Heddewigii and Laciniatus, both double and single, mixed . . . 5
Special Mixture of Annual Varieties 5

HARDY PINKS

All of these varieties have large, brilliantly colored, and handsomely marked flowers. The plants are of easy culture, blooming freely and for a long time.

Dianthus plumarius, (Pheasant's Eye, or June Pink, sometimes called Grass Pink). Fine for massing. Closely related to the Carnation, but smaller flowers and more hardy. Flowers beautiful and fragrant. Perennial. Plants are hardy until they become old. It is best to keep a few young plants coming on. Single varieties mixed 5
Plumarius, Pheasant's Eye, or June Pink. Double 10
Cyclops Pink. New variety of Scotch Pink, producing an entirely new series of colors of exquisite beauty, enlivened by a large eye of velvety blood red. Has a sweet clove-like perfume. Single 10
Semperflorens. Florist's Perpetual Pink. Very sweet-scented, double and single flowers. Great diversity of colors 25

CARNATION PINKS

Seed may be sown under glass in the spring, or in the open ground, and the second summer the plants will flower. Young plants are perfectly hardy, but when old they are injured in the winter. A succession of young plants should be procured, either from seeds or from layers, every year. Perennial.

Early-Flowering Dwarf Vienna. An excellent class for borders and other outdoor uses. Fine mixed 15
Pure White. Very fine 15
Earliest French. (Chabaud Carnation.) Combines the perfection of flowers of the perpetuals with the earliness of the Marguerite 25
Grenadin. Double scarlet. Dwarf and compact. Very early 15
Extra Choice German Seed. Mixed varieties 20
Choicest, Picotee, with white ground 50
Choicest, Picotee, with yellow ground 50
Extra Italian Seed, saved from prize flowers only 50

PERPETUAL-FLOWERING CARNATIONS.

Marguerite, Early-Flowering. This class excels in all respects. It is the most profuse bloomer of any of the "Pinks." Exquisite in color, showing beautiful shades in white, red, pink, variegated, etc. Large size, perfect form, dwarf habit, compact and robust, flowers in a few weeks from seed. They can be potted and taken into the house and will flower abundantly throughout the winter.

White, nearly true from seed. Extra fine 10
Mixed varieties, extra fine 10
New Giant Large-Flowering Marguerite or Malmaison. A new large-flowering strain, same as above Marguerites, but with flowers much larger.
Pure Yellow 25
Yellow Ground varieties 25
Mixed Varieties, splendid 25

ESCHSCHOLTZIA

California Poppy. This is California's chosen State Flower. The plants grow to about a foot in height; the leaves are of a grayisb green color, finely cut and divided. The large, handsome flowers, two inches or more in diameter, are produced in great profusion all sumuer. Seeds can be sown where the plants are to bloom.

Cross of Malta. Foliage silver-gray; flowers bright yellow, witb a broad, dark orange cross in the shape of the Cross of Malta. 5
Mandarin. Inner side of petals a rich orange, the outside scarlet-orange . 5
Golden West. A beautiful variety; color light orange-yellow 10
Californica canaliculata rosea. A beautiful novelty. The rosy petals are delicately fluted with tiny folds radiating from the center, and richly adorned with a soft primrose-yellow hue 10
Rose Cardinal. A charming variety, producing freely large intense carmine flowers 10

One packet each of the three finest varieties, Golden West, Californica canaliculata rosea, and Rose Cardinal, 25 cents.

Orange, Yellow, and White, single, separate colors, each 5
Single varieties mixed 5
Double Orange, and Double White, each 5
Double varieties mixed 5

THE GOURD FAMILY

The following plants are prized for their rapid growth and their odd-shaped and highly-colored fruits. They are very useful for covering arbors, old fences, stumps, etc.

Dish-rag, or Sponge. When ripe the inside resembles fibrous cloth, and is used for bathing, scouring, etc. 5
Balsam Apple and **Balsam Pear** have ornamental foliage. When ripe the golden yellow fruit opens, displaying the carmine interior. Each . . 5
Benincasa cerifera. Pretty wax gourd 5
Serpent Gourd 5
Abobra viridiflora. Beautiful climber, with delicate foliage, and oval, scarlet fruit. 5
Bryonopsis laciniosa. Foliage elegant; fruit scarlet, striped with white 5
Cucumis odoratissimus. Fruit orange-yellow, fragrant 5
Coccinea Indica. Handsome, glossy foliage, and scarlet fruit 5
Echinocystis lobata. Wild Cucumber. A fast-growing climber, running 30 feet in a season. White fragrant flowers, prickly seed pods. 5

One packet of each of the above ten varieties for 35 cents.

The following are some of the most valuable of the common varieties. The fruits, when allowed to ripen, can be kept for years.

Hercules' Club. Large, long, club-shaped 5
Smallest Lemon. Yellow . . 5
Pear-formed. Yellow and green cream striped 5
Gooseberry. Small, bright green 5
Egg-formed. Nest Egg Gourd .5
Orange. The well-known Mock Orange 5
Striped Apple. Small, yellow, beautifully striped 5
Calabash. The old-fashioned Dipper Gourd 5
Sugar-Trough, or Sap-bucket 5

One packet of each of the above nine varieties for 30 cents.

Mixed, per ounce, 30 cents 5

ORNAMENTAL GOURDS

ESCHSCHOLTZIA CALIFORNICA CANALICULATA ROSEA

DIGITALIS—Foxglove

The Foxgloves are quite stately and highly ornamental plants when well grown, with flower-stems at least three fee• in height. They are fine for the mixed border, or planted singly in half-shady places near a walk or drive. The racemes of flowers are often two feet in length, containing scores of the prettily-spotted thimble-shaped flowers. Perfectly hardy. Sow seed in spring in the garden, and transplant as desired. Perennial. Mixed varieties . . 5

EUPHORBIA

Heterophylla. Known as "Fire on the Mountain," "Mexican Fire Plant," "Annual Poinsettia," and "Painted Leaf." A bushy plant two to three feet high, with highly ornamental leaves, which become flared with dark fiery scarlet, leaving only a small tip of green. Easy of cultivation, growing in places fully exposed to the sun, which brightens and hastens the coloring. It can also be grown in pots and then moved about at pleasure. Annual 5
Marginata. Two feet high; leaves light green and white-margined; called "Snow on the Mountain." Annual 5

GAILLARDIA

Gaillardias, known as Blanket Flowers, are good bedding plants, being strong, constant bloomers, through the whole summer. Flowers large and showy, two to three inches across; fine for cutting, as they last a long time in water. Set plants twelve to eighteen inches apart. Half-hardy.

Picta Lorenziana. Fine double variety. Heads two inches in diameter. Annual 5
Aurora. Double. Red, tipped with yellow. Fine large flower 10
Grandiflora. Perennial. Very large and brilliant flowers of richest colors; crimson, scarlet, orange, and yellow; excellent for cutting. Mixed colors 10
Mixed single annual varieties 5

GYPSOPHILA

Gypsophilas are valuable for bouquet making, either green or dried. They are very graceful, and easily cultivated. Should be in every garden. All flower the first season. G. paniculata continues to bloom several years.

Muralis. Beautiful, hardy annual; six inches high, forming a dense mass. Fine for edgings. Blooms profusely. Flowers pink. 5
Paniculata. (Baby's Breath). Perennial. White. Fine for cutting . . 5

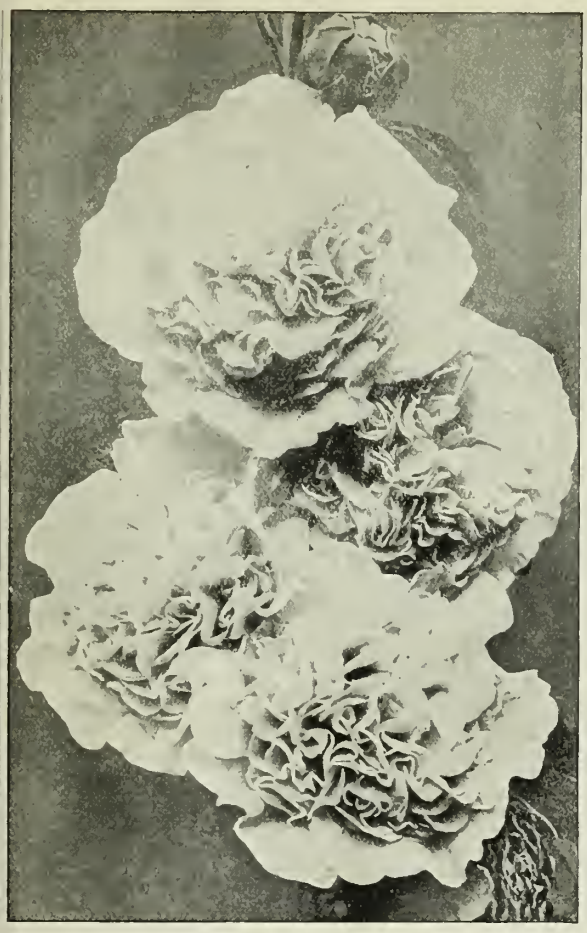
HYACINTH BEAN—Dolichos

Lablab. This really beautiful climbing plant is of quick growth; the foliage is handsome, and the clustered spikes of flowers are borne in great profusion. The shining purple seed-pods are also very ornamental. Tender annual, growing six to eight feet. Seed should be planted where plants are desired, in as warm and dry a spot as possible 5
New Japan. A new and beautiful variety, with large, pure white flowers, and waxy white seed-pods. Eight to ten feet 10

JAPANESE HOP

A splendid annual climber, rapidly covering arbors, walls, trellises, etc. The foliage resembles that of the common Hop, but is much more dense. Seed sown in the open ground in spring will produce large plants in a short time. Withstands heat, drougbt, and insects.

Japanese Hop 5
Variegated Japanese Hop. Leaves green and white variegated. . . . 10



DOUBLE HOLLYHOCK

HOLLYHOCK

In situations suitable for tall flowers we know of nothing better than the Hollyhock; and yet the improved varieties do not grow very high—from four to six feet being about the range. New plants are obtained from seed and by dividing the root. Seeds sown in the summer will give plants that will endure winter. The plants may be protected during the winter with a little straw and evergreen boughs, or leaves. Biennial. See also Plant Department.

Hollyhock, Double. Very double and fine, from the best named collection in Europe 10

New Fringed Mammoth Allegheny. This grand new flower is a decided improvement on the old-fashioned single Hollyhock. Flowers are single, semi-double, and double, fringed, seldom less than five inches and often seven inches across. Perpetual bloomer. Has from two to four buds where the old style has only one. All colors mixed 10

LOBELIA

Exceedingly useful plants for edging of flower beds, their free-blooming qualities and brilliant shades of blue to white making a pleasing contrast to the masses of reds and yellows so prevalent in bedding. They are also elegant for hanging baskets, pot culture, etc. All are annuals except L. cardinalis, which is a hardy perennial.

Cardinalis. Our native Cardinal Flower. Spikes of brilliant scarlet. Blooms first year if well started with heat 10

Barnard's Perpetual. This is the finest Lobelia ever introduced. Flowers a brilliant blue, white eye 10

Crystal Palace compacta. Dark blue. The best for edging and carpet-bedding 10

Emperor William. Light blue; compact; very fine 10

Erinus erecta compacta. Deep rich blue 10

Erinus erecta alba. White 10

Prima Donna. Dwarf, compact. Velvety maroon flowers 10

White Gem. Forms a ball of snow-white flowers 10

Golden Queen. A valuable variety. Makes a striking contrast with its bright golden-yellow leaves and brilliant blue flowers 10

Erinus (gracilis). Blue. Fine for baskets or trailing purposes 10

Erinus speciosa (Crystal Palace). Dark blue; very fine 10

Hybrida grandiflora. Large, dark blue flowers, white eye 10

One packet of each of the above twelve varieties for 75 cents.

Mixed varieties, for baskets, etc 10

At prices quoted we pay postage or express charges unless otherwise noted.

HUNNEMANNIA FUMARIÆFOLIA

Don't Fail to Save a Spot in the Garden for this Beautiful Flower

This most beautiful plant forms a shrubby bush two feet in height, with finely-cut foliage similar to that of the Eschscholtzia, and produces its large tulip-shaped flowers on long stiff stems, from August till November. The color is a clear, brilliant yellow, the petals resembling crushed satin. The flowers will keep in water for several days. Seed should be sown quite early in the spring, in shallow drills, where the plants are to bloom, as they do not stand transplanting. The Hunnemannia will always give satisfaction, and we heartily recommend it . 10

IPOMŒA

The Ipomœas are climbers of rapid growth. Succeed best if started in the hotbed and transplanted as soon as all danger of frost is past.

Bona Nox (Good Night or Evening Glory, Moon Flower). Flowers large, white . 10

Giant Pink Hybrid. A new variety of marvelous growth. Seeds germinate quickly, and plants begin to bloom nearly as early as those of the Morning Glory. The soft lilac-pink flowers are produced abundantly all summer and fall. They remain open from about four o'clock in the afternoon until near noon of the next day. The vine branches freely, and the foliage is abundant 10

Grandiflora superba. Fine, large flowers, sky-blue, bordered with white 5

For other varieties of Ipomœa, see Cypress Vine and Morning Glory.

ICE PLANT

Mesembryanthemum crystallinum. A pretty, half-hardy annual, with delicate, succulent, almost transparent branches and leaves. Of drooping habit, adapted to baskets, vase work, and rockeries. Prized for its singular foliage 5

LYCHNIS

To obtain good flowers the first summer, start under glass and transplant as early as possible.

Chalcedonica. Two feet high, with heads of brilliant scarlet flowers. Perennial 5

Haageana hybrida. Finest of the Lychnis family. One foot in height. Mixed colors. . 5

Viscaria splendens. Flowers bright crimson. A very fine red-flowered hardy perennial . 5

HUNNEMANNIA FUMARIÆFOLIA

KOCHIA SCOPARIA

KOCHIA SCOPARIA

Makes a Beautiful Specimen Plant, or Grown in Hedge Form is most attractive. May also be trimmed to any shape or form.

Although this is not a new plant, it is so little known, and so attractive in appearance, that we consider it worthy a place in the garden. It grows two to two and a half feet high, with many slender branches pressed close to the main stem, and resembles a small, closely-sheared evergreen, the slender foliage being light green until September, when the whole plant is a solid mass of crimson. Seeds germinate readily, and may be sown in the open ground about the first of May. The plants should stand about two feet apart 10

LINUM

Grandiflorum rubrum. Brilliant crimson flowers, an inch or more across, and a continuous bloomer. Annual 5
Perennial varieties mixed 5

MAURANDYA

Maurandyas are delicate and graceful free-blooming climbers, six to ten feet in height. Suitable for greenhouse or outdoor culture, but especially useful for baskets, vases, etc. The flowers are of good size; colors white, and various shades of rose, purple, and blue. Seed should be sown in the hotbed, greenhouse, or in pots in a warm sunny window. Annual.
Finest mixed 10

MYOSOTIS—Forget-me-not

Perennial plants, flowering the first season if sown early. Small white and blue flowers. Seed may be sown in a hotbed, and transplanted, or in open ground in spring.

Alpestris. Blue. Six inches 5
Alpestris. White. Six inches 5
Alpestris rosea. Rose. Six inches 5
Alpestris robusta grandiflora (Eliza Fonrobert). Large-flowering, of pyramidal habit. Very fine. Blue, with clearly defined yellow eye 10
Palustris (True Forget-me-not). Blue, with yellow eye 10
Vick's Perfection. The finest Myosotis known. Large, bright blue flowers, with twice as many petals as other varieties. Plant robust, nine inches high 15
Azorica var. cœlestina. Flowers sky-blue 20
Mixed varieties. 5

HELIOTROPE

This class of plants is one of the finest for cutting, as the delicious fragrance of all the varieties is very durable. For the same reason they make excellent house plants. Seed sown early in the spring in the house will make fine plants for summer bedding.

Queen Marguerite. Bears immense clusters of large, deep dark blue flowers, with an exceptionally rich and spicy perfume. 10
Dr. Livingston. Fine dark blue clusters 10
Louise Delaux. Rose-tinted flowers 10
White Lady. Large pure white flowers 10
Giant-flowered. Choicest mixed. 10
All varieties mixed 10

MIMULUS

The Mimulus, or Monkey Flowers (named from the resemblance of the corolla to a mask or face), are beautiful tender plants with almost transparent branches. Fine for baskets, vases, and house culture, and do well planted out where they will be somewhat shaded. Perennial, but bloom the first season.

Hybridus tigrinus grandiflorus. As beautifully spotted as the Calceolarias. 10
Musk Plant 5
All sorts mixed 5

VICK QUALITY

LARKSPUR—Delphinium

ANNUAL VARIETIES

Beautiful plants. They prefer a cool soil and season. Sow seed in fall, or early in spring. The branching varieties grow two feet high, and should stand eighteen inches apart. The Rockets should be thinned to five or six inches apart. The annual varieties are very free bloomers, and produce large spikes of flowers, white, pink, rose, light blue, dark blue, and violet. In some varieties the flowers are double, in others single. The beautiful plume-like foliage is very ornamental, and the whole series are excellent for bouquets and table decorations.

Double Dwarf Rocket. One foot in height. Mixed colors, ounce, 25 cents. 5
Double Tall Rocket. Large plant; very showy. Two feet. Mixed colors 5
Stock-Flowered. Double. Branching. Fine for cutting. Two feet. Mixed colors 5
Candelabrum. One foot in height; flowering late. Mixed colors 10
Emperor. Compact; brilliant. Two feet. Mixed colors 5

PERENNIAL VARIETIES

The perennial Larkspurs are valuable plants. Foliage clean and pretty; habit strong and good; flowering branches of some varieties often four feet high; flower spikes six inches or more in length. Propagated by division of roots and from seed. Sow seed in open ground, early in spring, and strong plants will be produced by fall that will flower the next spring, and some of them the first season.

Formosum. Brilliant blue, white eye. Three feet 5
Formosum cœlestinum. (Pillar of Beauty). Celestial blue; flowers large; spikes long. Plants three feet in height 10
Nudicaule. Bright scarlet; native of California. One foot. 10
Chinese. Fine. Two to three feet. Blue, white, and pink, mixed 5
Zalil (Hardy Yellow Larkspur). A lovely shade of sulphur-yellow, bearing spikes of forty to fifty blossoms each, one inch in diameter. Plants one to two feet 10
New Large-flowering Hybrids. Three to six feet high. Flowers of various shades; very showy. Finest varieties mixed. 5

LARKSPUR—DELPHINIUM

MARIGOLD

The African and French Marigolds are valuable for their flowers in autumn, and can be grown to advantage in little clumps with other plants in the front of shrubbery or in the garden border. The African varieties are the taller in growth, and produce large self-colored blossoms. The French varieties are smaller, some of them being elegantly striped and spotted. The dwarf-growing kinds adapt themselves to spots where the taller varieties would be unsuitable. Seeds can be sown in a coldframe or in a seedbed in the open border, and the young plants transplanted late in the spring to where they are to remain. They succeed best in a light soil, with full exposure to the sun. Annual.

AFRICAN MARIGOLDS

Pride of the Garden. The immense flowers of this grand variety are densely double, and of a beautiful golden yellow color. A notable feature is the compact, dwarf habit of the plant, which forms dense bushes fifteen to eighteen inches high and two feet across 10

Eldorado. Flowers very large, ten to fourteen inches in circumference, and extremely double; quilled like a Dahlia; primrose, lemon, orange, and golden shades. Plant three feet in height. 5

Lemon Queen. Large lemon-colored flowers 5

Prince of Orange. Large orange flowers 5

Mixed varieties. Ounce, 50 cents 5

FRENCH MARIGOLDS

Striped, yellow and brown 5

Tall varieties mixed. Ounce, 50 cents 5

Dwarf varieties mixed. Ounce, 50 cents 5

Dwarf Marigold Little Brownie, or Legion of Honor. A charming single-flowered plant, about six inches high. Very effective in masses or borders. Begins flowering extremely early, commencing in June. Color a brilliant gold, blotched with maroon 5

Gold Margin. Excellent. Flowers velvety maroon, margined with gold. Plant only eight inches high, bushy, compact, and free-flowering 5

Tagetes signata pumila. A beautiful dwarf plant, forming a globular dense mass. Fine for bedding or borders 5

NIGELLA

Pretty, hardy annuals, with fine feathery foliage. May be sown in the open ground early in spring.

Damascena. (Love-in-a-Mist.) Dark blue. One foot 5

Damascena nana. Dwarf. Six inches. Mixed colors 5

Hispanica. One foot Large-flowered. Mixed colors 5

Fontanesiana. Large-flowered. Blue. Blooms very early 5

NIEREMBERGIA GRACILIS. Tender perennial. Suitable for house culture, or may be treated as a tender annual. Fine for baskets, vases, etc. Light blue saucer-shaped flowers 5

MIGNONETTE

Seeds of Mignonette may be sown at any season, so that by having pots prepared at different times, a succession of flowers can be secured. Seeds sown early in the garden will give flowers through the summer. Plant in a cool place and it will continue to bloom all through the fall. For winter blooming keep in a cool room till buds are formed and begin to show, then bring into a temperature not exceeding fifty degrees at night. Very few cultivate the Sweet Mignonette compared with the many that might show their love for this sweet little flower. Annual.

Sweet. A well-known fragrant plant. Ounce 15 cents 5

Odorata grandiflora ameliorata. A large variety, with reddish tinge to the flowers. Ounce 20 cents 5

Giant Pyramidal. A mammoth variety. Ounce 20 cents 5

Golden Queen. A very fine and distinct variety, with flowers of a golden hue. Ounce 30 cents 5

Machet. Plant dwarf and vigorous, of good habit, producing large spikes of very sweet-scented flowers. Fine for pot culture. Ounce 60 cents . . 10

Golden Machet. This variety has all the excellencies of the popular Machet Mignonette, recognized by all as the best for forcing and pot culture. Plants are of strong, compact habit, bearing long massive spikes of golden yellow flowers 10

Allen's Defiance. Spikes from twelve to fifteen inches long, deliciously fragrant. Spikes have been kept three weeks after cutting, retaining the fragrance till every bud opened 10

Goliath. Of all the new varieties of Mignonette that have been introduced within the last few years this is the best and most distinct. The plants are compact in habit, with rich green foliage, and the immense trusses of highly-scented flowers are borne on erect, strong, stiff stalks, surpassing all others in fragrance. It is especially suited to house culture 25

New Large-flowering Bismarck. Very large, true pyramidal shape. Reddish-colored flowers borne on strong stems, well elevated above the dark green, slightly crumpled foliage 10

Parson's White. Nearly white; strongly scented. Ounce 60 cents . . 5

New Hybrid Spiral. Robust plant, long spikes. Ounce 20 cents . . . 5

MALOPE. Ornamental hardy plants of vigorous growth, branching freely, and producing large flowers of deep rosy red, veined darker inside, or of pearl-white. Sow seeds in the open border, as the plants do not bear transplanting.

Grandiflora. Flowers single, purple 5

Grandiflora alba. Single, pure white 5

MIGNONETTE.

Imperial Japanese Morning Glories

OUR OWN SPECIAL STRAIN

These Morning Glories have given great satisfaction. Their exquisite beauty and enormous size (from four to six inches across), with their innumerable markings and shadings, command the admiration of all flower lovers. We have given considerable labor and space to the cultivation and improvement of these large and desirable Morning Glories, and as a result are able to offer a very fine mixture of choice colors, ranging through white with pink throats, white spotted with violet, white spotted with rose, mauve with white throat, lavender with central band of crimson, cobalt-blue with rose bands, violet with blood-red bands, crimson with carmine bands, and purple with maroon bands. The vines are strong and robust, attaining a height of thirty to fifty feet. The foliage is large and finely cut; sometimes plain green, and occasionally green beautifully mottled with creamy buff. **Sold in mixed colors only.** Ounce, 50 cents . 10

NICOTIANA

Sanderæ. **The Hardy Annual of the Century.** Among Nicotiana nothing approaches it in point of floriferousness, nor in its graceful and copiously branching habit. The whole plant is laden with flowers from base to summit, of an intensely glowing rosy-carmine color; and either in flower beds, shrubbery borders, or in the wild garden, this incomparably beautiful plant is charming. Seed sown in January, pricked out in the ordinary way that hardy annuals are treated, transplanted in May in the position where it is intended to flower, is all that is necessary. No plant is easier to grow. The care given to the most ordinary annual will suit this new Nicotiana admirably. 25

Nicotiana affinis is one of the best we have ever grown. The plant attains the height of three feet, and at evening and early morning is covered with deliciously-scented, large, white flowers. Easily grown from seed, and cuttings rooted in September will bloom freely in the winter. 5

Sylvestris. Grows about five feet high, with very symmetrical foliage. The very long pendulous flowers are delicately fragrant, and are borne in great profusion 10

MORNING GLORIES

Convolvulus Major

The old Morning Glory. Annual. One of the most free-flowering and rapid-growing plants in cultivation. The richness and delicacy of the brilliant flowers is unsurpassed. The seeds germinate so readily that they can be grown in the garden anywhere the plants are needed, and almost at any time.

White; white and violet striped; white striped with rose; light blue; dark blue; carmine; lilac; incarnata, bright red; **atrosanguinea,** dark red; **each color** 5

One packet of each of the above nine varieties for 30 cents.

All the above mixed. Ounce, 15 cents 5

New Double-Flowering. Very fine. About eighty per cent. of the plants will produce double flowers; the remainder semi-double or single . 10

Large-Flowered Morning Glory, Rochester

This grand Morning-Glory is remarkable for the large size and beautiful color of the flower. Vines strong, growing quickly twelve to twenty feet high, with magnificent foliage, leaves measuring from eight to ten inches across, and remaining on the vines close to the ground during the entire summer. Flowers four to five inches across, deep violet-blue in the throat, blending out to an azure-blue, bordered with a wide white band around the edge. The flowers form in clusters of from three to five, from the ground to the top of the vines 10

Brazilian Morning Glories

Ipomœa setosa. A most interesting climber, with rose-colored flowers from three to four inches in diameter, and leaves eight to twelve inches across. It presents a remarkable appearance, branching in all directions, and intertwining so as to make it impenetrable to the sun's rays. The large seed-pods, with short, reddish hairs on the stems, make it unusually ornamental and attractive. After planting pour on scalding water. 10

MARVEL OF PERU

Also known as Four O'Clock, because its flowers open about that time of the evening and fade the next morning. Two feet high, with bright foliage and fragrant flowers of desirable colors. Set plants two feet apart. Makes a nice hedge if set a foot apart. Seed should be planted in the open ground where plants are desired. The roots may be taken up in the autumn and preserved through the winter for spring planting, in the same manner as Dahlias.

Marvel of Peru. Mixed colors, ounce 20 cents 5

Variegated Foliage. Flowers of a variety of colors 5

Long-Flowered White. Sweet-scented flowers three to four inches long 5

Long-Flowered Violet. Same as above, except in color 5

Tom Thumb. Very dwarf. Mixed colors 5

NICOTIANA SANDERÆ

NASTURTIUMS

CLIMBING NASTURTIUMS

THESE are among the very best climbers. They require but very little care, for seed sown in the spring of the year in any fair garden soil, not too rich, will produce plants ten to twelve feet in height before autumn. They endure hot and dry weather very well. There are several varieties; the leaves of some being very light transparent green, while in others they are very dark, almost purplish. The flowers are all shades of yellow and scarlet, some of them beautifully spotted. The climbing Tropæolums are excellent plants for baskets, vases, etc. Grown two or three in a large pot, with brush or lattice work support, they make a most showy ornament, which can be moved at pleasure.

Vick's Complete Collection of Climbing Nasturtiums

Nasturtiums are the favorite flowers of today, vieing in popularity with Sweet Peas. This is owing to their wonderful blooming qualities and great variety of colors. We offer the following eighteen varieties

In One Collection for 50 Cents.

Tropæolum Majus

Per ounce, 15 cents; packet, 5 cents.

Atropurpureum. Dark crimson.
Atropurpureum fol. aureis. Foliage yellow, flowers crimson.
Chocolate.
Dark Orange.
Edward Otto. Bronze, silky.
King Theodore. The darkest.
Orange. Very handsome.
Pearl. Creamy white
Prince Henry. Light yellow, marbled with scarlet.
Regelianum. Purple-violet.
Scheuerianum. Straw-color, brown striped.
Scheuerianum coccineum. Scarlet striped.
Scarlet.
Schulzii. Brilliant scarlet.
Schillingi. Bright yellow blotched with maroon.
Vesuvius. Brilliant salmon-rose, dark-leaved.
Von Moltke. Bluish rose.
Yellow.

Mixed varieties. The green seed-pods used for pickles. Pound, 80 cents; oz. 10 cents 5
Extra choice mixed. ¼ pound, 50 cents; oz., 20 cents 5

Tropæolum Lobbianum

Resembling the tall variety in habit, with beautiful and various colored flowers borne in great profusion. The flowers and foliage are somewhat smaller than the ordinary Nasturtium. Half-hardy annual.

Asa Gray. Yellowish white, very fine 5
Giant of Battles. Sulphur and red. 5
King of the Blacks. Very dark brown 5
Lucifer. Very dark scarlet 5
Primrose. Cream, with brown spots 5
Princess Victoria Louise. Light yellow, with blood-red spots and spurs 5
Choicest mixture, oz., 20 cents 5

Tropæolum Peregrinum

Canary-bird Flower. One of the finest of the Nasturtium family, resembling a Canary Bird with expanded wings. Half-hardy annual 5

New Climbing Nasturtium

"Hybrids of Madam Gunther." A strain of French origin, most remarkable for the wide range of exquisite colors, showing pink, purple, rose, salmon, light yellow, dark maroon, deep orange, etc., etc.; also striped and blotched, mottled and variegated in the most fantastic manner. They are strong growers, climbing five to seven feet, with rich dark foliage. Fine for porches, vases, or trailing on the ground. Half-hardy annual. Ounce, 25 cents 5

TOM THUMB NASTURTIUMS

Nasturtiums are much used for making dense masses of color, the Tom Thumb varieties being especially desirable for this purpose. In the hottest weather they thrive and bloom luxuriantly. When planted in poor soil they flower profusely; if the soil is too rich they run to leaves. Hardy annuals.

Aurora. Salmon-rose, mottled and veined . . 5
Beauty. Orange and vermilion 5
Bronze. Beautiful coppery bronze 5
Carter's. Scarlet 5
Chameleon. Mottled crimson, bronze, and yellow 5
Cloth of Gold. Golden-leaved; flowers intense scarlet 5
Cœruleo-roseum. Bluish rose 5
Crystal Palace Gem. Sulphur, maroon spots 5
Empress of India. Dark leaves, crimson flowers 5
Dark crimson 5
Golden King. Golden yellow flowers. Very fine 5
Golden Queen. A beautiful new golden-flowered, yellow-leaved variety 5
King Theodore. Flowers very dark 5
King of Tom Thumbs. Leaves bluish green, flowers brilliant scarlet. 5
Lady Bird. Golden yellow, flamed crimson . 5
Lili Schmidt. Beautiful small scarlet flowers 5
Luteum. Yellow 5
Pearl. Light cream 5
Prince Henry. Light yellow, marbled scarlet 5
Regelianum. Purplish violet 5
Rose. Rose, tinted with salmon 5
Ruby King. Foliage dark 5
Scheuerianum coccineum. Scarlet striped 5
Spotted. Yellow, crimson spots 5
Spotted King. Rich orange, maroon spots. . 5
One packet each of above twenty-five, 90 cents.
Extra Choice Mixture, from named sorts, ¼ pound, 60 cents; oz., 20 cents . . . 5
Mixed varieties, 1 pound, $1.00; ¼ lb., 30 cents; oz., 10 cents 5

VICK'S FAMOUS PANSIES

PARISIAN LARGE STAINED

THE PANSY is, everywhere and with everybody, a very popular flower. Its modest and innate sweetness endears it to the heart of young and old alike. It gives an abundance of bloom until after severe frosts, endures our hard winters with safety, and greets us in the early spring with a profusion of bright blossoms. Pansy seed may be sown in the hotbed or open ground. If sown in the spring, get it in as early as possible, so as to secure flowers during the early rains. Seeds sown in a cool place in May or June, and well watered until up, will produce fall-flowering plants. To have good flowers, the plant must be vigorous, and make a rapid growth, as it will in rich moist loam. Young plants give the largest flowers. The old worn-out plants should be replaced. If the plants come into bloom in the heat of summer the flowers will be small at first, but as the weather becomes cooler they will increase in size and beauty. They will flower better in mid-summer if planted where it is somewhat shaded from the hot sun, and especially if furnished with a good supply of water; but in almost any situation will give fine flowers in the spring and autumn.

Vick's Giant Superb Pansies

For years our **Superb Mixture** has been **unapproached**; in fact, no grower has as yet succeeded in producing a Pansy so fine in color, delicate in pencil-ing and so uniformly large in size as our own. To this superb mixture we are constantly adding the newest and most expensive strains, which we know will please all lovers of the Pansy. If you want the best Pansy grown, get our Superb Mixture. Packet, 50 cents; two packets, 80 cents; ⅛ ounce, $1.25; ounce, $9.00.

Vick's Peerless

Comprises the choicest of the standard large-flowering sorts, including many of the rare and expensive varieties, such as Bugnot, Odier, Cassier, and Trimardeau types. For immense size, perfect form, freedom and durability of bloom, and gorgeous colorings, the Peerless stands second only to our New Giant Superb Mixture. For a charming display of show or exhibition Pansies you should try at least a packet of Vick's Peerless. Packet, 20 cents; ⅛ ounce, 75 cents; ounce, $4.00.

Bugnot. French strain; a beautiful class. Large flowers, broad blotches, and from the large spots extend delicate pencilings to extreme edge of petals. Seed of our own growing, saved from selected plants 25

Bugnot's Exhibition. Saved from plants obtained from the grower's original seed 50

Cassier's Giant Blotched. A magnificent strain of the popular Odier type. Flowers extra large, of fine form and good substance. Each petal is marked with a large, clearly defined blotch. The plants are neat and compact 25

Masterpiece. This is a new strain of the Giant Five-spotted class. The general habit of the plants is strong and compact. In summer, when the weather is warm and dry, it maintains a healthy appearance longer than any other Pansy. The large flowers are borne well above the foliage, on strong stems, possess greatest substance, are perfectly round, and contain a rich combination of colors. Each petal is distinctly marked with a very large dark blotch, and most of the flowers are margined with a light, white, or yellow edge 25

Odier, or Large-eyed. A superb strain of various colored, perfectly formed flowers, with dark blotches on the petals. Very showy 20

Giant-Flowering Varieties

A distinct class. Plants vigorous and compact. The flowers are thrown well above the foliage and many of them are marked with large blotches. They are of enormous dimensions—some specimens grown on our grounds measuring over three inches in diameter. We offer the following separate colors of this wonderful strain:

Adonis. Beautiful light blue 10

Auricula-flowered. Fine shades 10

Bridesmaid. New. Rosy white ground, beautifully blotched 20

Dark Blue 15

Emperor William. Ultramarine blue, with violet-purple eye 15

Freya. Dark purple, with broad pure white margin; extra fine 15

Golden Queen. Pure yellow 15

Hortensia Red 15

King of the Blacks. Almost jet-black. Extra fine large-flowering strain 10

Lord Beaconsfield. Purple-violet, shading to white in the upper petals; splendid 10

Madam Perret. True. Petals frilled. Dark wine, pink, and red shades beautifully veined, all with white margin 15

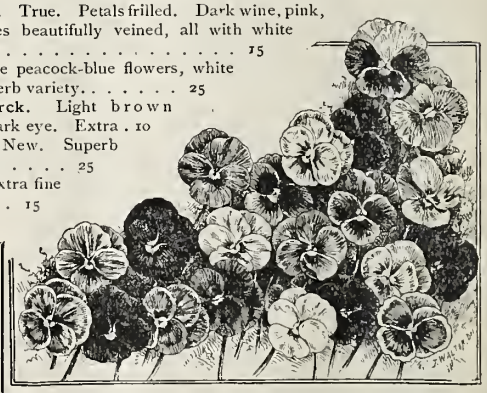
Peacock. Large peacock-blue flowers, white edged. A superb variety. 25

Prince Bismarck. Light brown shades, with dark eye. Extra . 10

Ruby King. New. Superb red shades. 25

Snowflake. Extra fine pure white . . . 15

"VICK QUALITY" PANSIES ARE UNSURPASSED



GROUP VICK'S GIANT SUPERB PANSIES
SHOWING VARIETY OF COLORS AND MARKINGS

VICK'S PANSIES—Continued

GIANT-FLOWERING VARIETIES Continued

Striped. Fine 15
White, with Purple Eye 15
Yellow, with Black Eye 15
Mixed varieties 10

The preceding eighteen named varieties of Giant-flowering sorts for $2.00.

Standard Varieties

Each 5 cents.

Azure-Blue. Extra fine.
Black, with bronzy center. Fine.
Bronze-color.
Brown-Red. Various shades.
Dark Blue. Very rich, constant.
Dark Purple. Rich, deep purple. Fine.
Emperor William. Ultramarine-blue, with violet-purple eye.
Fire King. Gold-yellow, upper petals purple.
Gold-Margined. Exceedingly beautiful color.
Havana Brown. Beautiful shades of brown.
King of the Blacks. Almost coal-black.
Light Blue. Lovely shades of sky-blue.
Lord Beaconsfield. Deep purple-violet, shading to lighter hue.
Mahogany-colored. A very fine variety.
Meteor. Bright brown.
Purplish Violet. Distinct and fine.
Quadricolor. Distinct. Colors brilliant.
Red. Bright coppery colors, but not strictly red.
Silver-Edged. Dark purple, with white border. A charming variety.
Snowy White. Good form and size.
Striped and Mottled Extra, and very showy.
Violet, with white border.
White, with dark eye. Very showy.
Yellow, with dark center.
Yellow Gem. Clear yellow, without eye. A gem.

One packet of each of the above twenty-five for $1.00.

Mixed Seeds of the above sorts, oz. $1.50; 1-8 oz. 25c.; pkt. 5c.

Newer Varieties

Per packet 10 cents.

Atrosanguinea. Dark red.
Cardinal. Brilliant dark red.
Coquette de Poissy. Distinctive mauve color.
Diana. Cream-colored; quite distinct.
Emperor Frederick. Dark red, bordered with orange-scarlet.
Fairy Queen. Brilliant sky-blue, silver white margin. Very showy.
Mourning Bride. Dark purple, red or white edge.
Parisian Large Stained. Extra large flowers. A very showy strain.
Peacock. Peacock-blue flower, white edged.
President Carnot. A strikingly beautiful variety. Petals pure white, with a deep violet blotch.
Red Riding Hood. Brilliant red.
Rosy Lilac. Distinct, and very fine.
Victoria. Rich velvety claret-red, large flowers.

The set of thirteen for $1.00.

POPPIES — The best Annual and Perennial Varieties

Within the past few years many developments in the Poppy family have brought them again into deserved popularity, and now good annual varieties are numerous, ranging in size from the little Ranunculus-flowered, two inches in diameter, to the large Peony-flowered. The plants have strong tap-roots, and are difficult to transplant; it is better to sow the seed early in the spring where the plants are to flower.

ANNUAL VARIETIES

Vick's Brilliant is a superior variety, of strong, robust growth, two to three feet high. The flowers have a variety of bright colors; pure white with a pink tinge, scarlet, rose, purple, and other shades, and are so beautiful and bright as to be almost dazzling to the eye. Round as a ball; perfectly double 10

Shirley. Flowers exceedingly graceful and elegant; single; colors ranging from blush-white, delicate pink, rose, and carmine, to bright sparkling crimson, occasionally blotched and streaked with white. The best and most showy of all the single Poppies 5

Mikado. Flowers large and loose, resembling the Japanese Chrysanthemum; petals cut and fringed in the most fantastic manner; color pure white, edged with brilliant scarlet 5

One packet of each of the above three for 15 cents

Danish Flag. Flowers brilliant scarlet, large silvery white blotch at the base of each petal, forming a white cross on scarlet ground 5

Peony-flowered. A splendid class of large double flowers, with broad petals, resembling a Peony; colors range from white to pink, carmine, scarlet, crimson, and maroon 5

Ranunculus-flowered. Plants two feet high; free bloomers. Flowers double, two inches across. All shades of color, from white to deep crimson . 5

Scarlet single. The single Scarlet Corn or Field Poppy of Europe Very gorgeous 5

Umbrosum. Of dwarf habit; branching. Flowers bright vermilion, with a shining black spot on each petal. Very showy 5

Carnation-flowered (somniferum fl. pl.) (Double Opium Poppy). Splendid large double flowers. Deeply fringed; same style as Vick's Brilliant. Mixed colors, ounce, 20 cents 5

Opium Poppy. True, single. Pound 90 cents; ounce, 10 cents 5

One packet of each of the above seven, 25 cents.

American Flag. Beautiful variety. Flowers large and double, snow white, bordered with scarlet 5

White Swan. Large double flowers, elegantly fringed, pure white . . . 5

Golden Gate. Single, semi-double, and double flowers, in a great variety of colors 5

The Tulip. An elegant and distinct variety. Plants from twelve to fourteen inches high, producing well above the foliage fifty to sixty large splendid flowers of the most vivid scarlet imaginable. From a mere description no adequate idea can be gained of its strikingly beautiful effect. It commences blooming early in June, and flowers abundantly for a period of from six to eight weeks 5

Cardinal Poppy (New hybrids). About eighteen inches high; habit erect and compact. Foliage dark green, deeply laciniated. Flowers chamois and brilliant rose on light ground; purple, crimson, brick rose on black, brown, or violet ground 5

One packet of each of the above five for 20 cents

All Annual varieties mixed, in one packet 5

PERENNIAL VARIETIES

ICELAND POPPY—Papaver nudicaule.

The Iceland Poppies are perennials, blooming the first season from seed. The fragrant, elegant crushed-satin-like flowers are produced continuously from June to October. The flowers last fully a week, if cut as soon as open.

Pure White, Yellow, and Orange. Separate or mixed, each 10

Collection of the three Iceland Poppies for 25 cents.

ORIENTAL POPPIES.

All the perennial Poppies are perfectly hardy, and seeds may be sown in the open ground. The single, large, oriental Poppies are a great addition to the herbaceous border, and are of greater value among shrubbery, as they tend to relieve and lighten up the usually dark and somber character of clumps of shrubs. Flowers very large, five or six inches across.

Bracteatum. Scarlet. Three feet high 5
Orientale. Very large; red. One of the finest. Three feet 5
Involucratum maximum. Fine large flowers 5

GROUP OF LARGE-FLOWERED AND FRINGED PETUNIAS

THE large-flowered varieties of Petunia, four or more inches in diameter, are best for single plants or small groups. The strains we offer are unrivaled in beauty and variety. The seeds are high-priced because of the great amount of labor and care in artificial fertilization. Seed sown in a hotbed or coldframe early in the spring will produce flowering plants in June. Set the plants about eighteen inches apart. They come pretty true from seed, but are not reliable in this respect, being inclined to sport. The seeds of the Double Petunia do not possess as much vitality as those of the single, and care must be used to get them to germinate; nor will they all come double. Annuals.

GRANDIFLORA, LARGE-FLOWERED SINGLE.

Superbissima. Magnificent flowers, of various colors, with large throats beautifully veined. Extra fine 25
Alba. Large white, fine form . . 25
Brilliant. Deep rose 25
Kermesina. Rich crimson . . . 25
Maculata. Beautifully blotched and striped 25
Marginata. Pink, veined with rose, and green margin 25
Venosa. Variety of colors, beautifully veined 25
Violacea. One of the noblest of the large-flowered Petunias. Rich violet 25
Choice mixed. From show flowers 25

GRANDIFLORA, LARGE-FLOWERED SINGLE, FRINGED.

Alba. White, edges crimped and fringed 25
Brilliant rose. Fringed edge . 25
Vick's Fringed. Flowers with fringed and frilled edges; distinct and beautiful; comes true from seed. Mixed colors . . . 25

GRANDIFLORA, LARGE-FLOWERED DOUBLE.

Aurora. Light rose, veined crimson-purple 50
Brilliant rose 50
White 50
Mixed varieties 50

GRANDIFLORA, LARGE-FLOWERED DOUBLE, FRINGED

Brilliant rose 50
Lady of the Lake. Pure white 50
Mixed varieties 50

DOUBLE-FLOWERED BEDDING PETUNIAS.

Compacta nana multiflora fl. pl. Dwarf, compact plant, profuse bloomer. Fine for bedding. Mixed colors 25

SINGLE-FLOWERED BEDDING PETUNIAS

The bedding varieties are unsurpassed for massing. Few plants will make a more showy bed, giving a profusion of flowers from early summer until after frost, ranking with the Asters, Phloxes, and Verbenas in freedom of bloom, variety of colors, and effectiveness. The dwarf compact sorts make beautiful edging as well as bedding plants, and are also fine for pot culture.

Blotched and Striped, very symmetrically marked 10
Belle Etoile. A beautiful, somewhat large-flowered strain of the above . 10
Brilliant. Rosy carmine 10
Countess of Ellesmere. Dark rose, with fine white throat 10
General Dodds. Beautiful dark red 10
Illustris. Carmine-rose 10
Kermesina. Fine crimson 10
Venosa. Various shades, handsomely veined 10
Extra Choice Mixed. Superb strain 10
Fine mixed 5
New Dwarf Inimitable. A really dwarf variety, forming a compact little plant five to eight inches in height by as much in diameter, covered with regularly striped flowers. Adapted for massing and pot culture . . 10
Snowball. A charming new dwarf pure white variety 10

"Giants of California." This strain, originating in California, is of incomparable size, luxuriance, and beauty. Nearly all the flowers are ruffled or fringed, and measure from four to five inches across. The great variety of colors, blotchings, stripings and veinings make fantastic and beautiful combinations,—some with deep throats of yellow, white, black, green, or maroon, running off into intricate veins. Some of the colors run to delicate shades, while others are deep, rich, and gorgeous 25

One Packet each of the following for 75 cents

Large-Flowering Single. Choice mixed 25
Vick's Fringed. Mixed colors 25
Giants of California. Mixed colors 25
Single-Flowered Bedding. Extra choice mixed 10
Double-Flowered Bedding. Mixed colors 25

COLLECTION OF PHLOX DRUMMONDII

PHLOX

THE word *phlox* signifies "a flame," and a good bed of Phlox is a dazzling sight. In a good, rich soil, the plants will grow eighteen inches or more in height, and for a mass of splendid colors no annual or perennial will give a more satisfactory return for so little cost. The colors range from the purest white to the deepest blood-purple or crimson, while the clear eye of some of the varieties is peculiarly marked. The Phlox makes a very good border or low summer hedge. The finest effect, however, is produced by planting each color in a separate bed, or in ribbon fashion, its constant blooming making it desirable for these purposes. In selecting the plants, get good contrasts of color, as white, scarlet, and rose. Phlox usually comes very true from seed, so that it is particularly desirable for forming ribbon-beds; and if a plant of wrong color is found it can be easily removed and the place will soon be filled, for the Phlox is a vigorous grower when it has room. Seed may be sown in the open ground as early in spring as the soil can be put in good condition, or in hotbed or coldframe earlier; and in either case, from June, during the summer and autumn, the plants make a most brilliant show of flowers. Set the plants about one foot apart; if too thick, they suffer from mildew. We grow several acres of Phlox every year, devoting much care to its improvement, and our strain of Phlox Drummondii is the best the world produces.

Phlox Drummondii Grandiflora

The flowers of this section have round petals and larger flowers than the old sorts. These varieties we have found to be nearly constant.

Alba pura. Pure white.
Atropurpurea. Deep purple.
Atropurpurea alba oculata. Dark purple, white eye.
Brilliant. Delicate pink; white eye.
Coccinea. Brilliant scarlet.
Carnea. Flesh color. Beautiful.
Carminea alba oculata. Rose-carmine, white eye.
Chamois rose. Pale rose.
Isabellina. Light yellow.
Kermesina splendens. Vivid crimson; one of the best for massing.
Leopoldii. Splendid rose color, with white eye.
Quadricolor rosea. Rose petals, shaded separate.
Rosea. Beautiful pink, shading to rose, with darker eye.
Splendens. Clear scarlet, white eye.

Price, per packet, 10 cents; any seven for 50 cts. The set of fourteen for $1.00.

Phlox Drummondii grandiflora, choice mixed, ounce, 75 cents . . . 10
Phlox Drummondii, fine mixed 5

Phlox Drummondii Nana Compacta

The dwarf annual Phloxes are very desirable for edgings and ribbon beds and useful for pot culture. They grow six to eight inches in height, forming dense masses of bloom all summer. Of the many varieties the following are the best.

Fireball. Bright scarlet 10
Snowball. Pure white 10
Best varieties mixed 10

The Entire Collection of Phlox Drummondii including Star Phlox, seventeen varieties, for $1.20

Star Phlox

A decidedly unique variety. While the petals of all other Phloxes are entire, in this variety they are partly fringed and partly toothed; the central teeth of the petals are five or six times as long as the lateral ones, projecting like little spines, giving the flowers a regular star-like form. The beauty of the flower is enhanced by a white margin which borders the edges of the petals. There are many distinct colors. **Best varieties mixed** 10

PRIMROSE

In this country Primroses do well in a cold house, but in the open ground succeed best in a northern border. P. vulgaris is the sweet, beautiful English Wild Primrose, so ardently loved by all who spent their childhood days among the green lanes of England. Sow seeds under glass and transplant. Perennial.

Primula auricula. Fine mixed 25
Auricula. From named flowers 50
Elatior (Polyanthus). Fine mixed 10
Vulgaris. Wild English Primrose 10

For other varieties of Primula see Plant Department.

PYRETHRUM

Handsome herbaceous plants of easy culture. It would be well to sow seeds under glass, but we have grown them by sowing seed in the open ground. A good double Pyrethrum is as desirable as a good Aster. Hardy.

Roseum hybridum. Double varieties mixed 25
Roseum hybridum. Single varieties mixed 10
Double White Feverfew 10
Golden Feather. Prized for its yellow foliage 10

SENSITIVE PLANT

Mimosa pudica. The Sensitive Plant affords a good deal of amusement, not only to children, but to those of larger growth, on account of its apparently sensitive leaves, which close up when touched. Seeds should be started under glass. Do not transplant to the open ground until the weather is warm. Annual 5

SCHIZANTHUS

The Schizanthus is a beautiful half-hardy annual, of very graceful habit. The flowers are butterfly-shaped, of rich and varied colors, and completely cover the plant. About two feet high. Best varieties mixed 5

NEMOPHILA. Love-in-the-Grove. Baby Eyes. Are pretty, delicate hardy annuals. The flowers are mainly blue and white. They do best if sown in a frame and transplanted early. Do finely all summer if planted in a rather cool, shady place. Set about six inches apart. Mixed varieties. Ounce, 20 cents 5

PERILLA NANKINENSIS. A very elegant dark-leaved plant. Its purplish mulberry-colored foliage produces a charming contrast with silver-leaved plants. Desirable for the center of a bed of ornamental-leaved plants, or for a low screen. Annual. Eighteen inches in height 5

PORTULACA

A popular hardy creeper, each strong plant covering a space about two feet in diameter. It delights in a warm sun and sandy soil, and the drouth in never too long nor the heat too intense for this beautiful salamander. It makes a brilliant bed on the lawn. The flowers of the double varieties are like small roses. Sow seed in the open ground as soon as the weather is warm, or in a hotbed earlier. The plants can be transplanted when in full flower; and in making a ribbon bed with Portulaca, wait until the first flower opens, so as to be sure of the color. Annual.

Alba, pure white; **alba striata,** white, striped with rose; **caryophylloides,** rose, striped with carmine; **New Rose,** fine rose color; **Thellussoni,** fine scarlet; **splendens,** crimson; **Thorburni,** straw color; **aurea vera,** deep yellow; **aurea striata,** sulphur yellow striped with gold. Each of the single varieties 5

One packet each of the above nine for 30 cents.

Fine mixed single varieties, ounce, 50 cents 5

Double Rose-Flowered. A perfect double variety, as much so as the Rose, and of many brilliant colors, as well as striped. First quality, mixed colors . 10

Double Rose-Flowered. Seven different colors—crimson, scarlet, rose, white, rose striped with carmine, orange, yellow—each color 15

One packet each of the above seven for 75 cents.

At prices quoted in this Catalogue, we prepay postage or express charges unless otherwise noted.

SINGLE PORTULACA

RICINUS

The Ricinus has very ornamental foliage and beautiful showy fruit. Fine for the center of a bed, as it gives a magnificent semi-tropical appearance; or, planted thick, it makes a fine screen or hedge. Plant seed in open, very rich, deep-spaded ground, in a dry situation, as soon as safe in spring. The common Castor Oil Bean is cultivated for the oil, and grows about twenty bushels per acre. Annual.

Macrocarpus. Whitish; beautiful. Six feet 5

Purpureus. Purple stems and leaves. Magnificent. Six feet 5

Borboniensis. Very beautiful large green leaves. Fifteen feet 5

Cambodgensis. The finest dark-foliaged Ricinus. Leaves maroon; stem nearly black; fruit bronzy purple. Five feet 5

Duchess of Edinburgh. Dark purple stem and leaves. Ten feet . . . 5

Africanus hybridus. Fine. Stem and fruit rose. Six feet 5

Giganteus. Large, fine, and showy. Six feet 5

Philippinensis. Very large, beautiful leaves. Ten feet 5

Ricinus Sanguineus. Blood-red stalk and clusters of red fruit. Eight feet. Ounce 15 cents 5

Communis (Castor Oil Bean, Palma Christi). Pound, 40 cents; oz., 10 cents 5

One packet each of the preceding ten varieties for 35 cents.

Mixed varieties of preceding. Ounce, 15 cents 5

Zanzibarensis (Zanzibar Castor Oil Plant). New and distinct. The gigantic leaves, two to two and one-half feet across, and the great size of the plant, surpass any other known Ricinus. The luxuriant tropical appearance when planted singly or in masses is matchless. Mixed varieties, ounce 15 cents 5

SALPIGLOSSIS GRANDIFLORA

SALPIGLOSSIS

Grandiflora. This has long been one of our favorite flowers, but has never attained the popularity to which it is entitled. Our illustration shows its forms and veinings, but nature only can paint its colors. It is a splendid half-hardy annual, with flowers of a peculiar richness, very delicately and beautifully penciled. Very effective in the sunlight, which brings out the beautiful tints and veinings. Unsurpassed for cutting. Plants about two feet in height. Mixed colors 5

New Emperor. This new variety shows a very marked and striking distinction in habit of growth as well as in its flowers. It forms only one thick main stem about thirty inches high, which is thickly covered with flowers considerably larger than those of the old type, and presents a compact bouquet, in the various rich velvety colors usual to the species—purple, crimson, scarlet, rose, etc.—elegantly veined with gold. Mixed colors. 10

SWEET WILLIAM

The best varieties of Sweet Willam are of exceedingly beautiful colors, very large and almost perfect in form, with trusses of great size. Treatment as for Carnation. The plants are perfectly hardy, and may be increased by division of the roots. The colors pass from white to pink, crimson, carmine, and purple; with distinct eye encircled with color differing from the rest of the flower, like Phlox or Verbenas. They make very durable cut flowers. It is well to raise new plants every year from seed, for old plants become debilitated and unsightly, and the flowers decrease in size.

Holborn Glory. New. Magnificent large flowers of the most beautiful shades 10

Perfection (Auricula-flowered). Single varieties mixed 5

Double varieties mixed 5

Dunetti. Single. Blood-red, velvety texture 5

White. Single. Constant 5

CORNFLOWER ASTER

Stokesia Cyanea

This is one of our most charming and beautiful native hardy plants. The plant grows about 18 inches bigh, bearing freely, from early July until frost, its handsome lavender-blue Centaurea-like blossoms, each measuring from four to five inches across. It is of the easiest culture, succeeding in any open sunny position, and is not only desirable as a single plant in the mixed hardy border, but can be used with fine effect in masses or beds of any size. Like many other native plants which are neglected at home, this is grown in considerable quantities in Europe to supply the demand for blue cut-flowers in the autumn. We have no hesitation in saying that the Cornflower Aster is one of the most valuable and desirable hardy plants offered.

Seed, per packet, 15 cents. Plants, each, 20 cents.

SUNFLOWER—Helianthus

Coarse tall plants, from four to eight feet in height, with bright yellow flowers. The double varieties produce a very good effect among shubbery, and when used as screens. Sometimes reproduced from self-sown seed. The seeds of the single varieties are of considerable value for oil as well as for feeding poultry.

Globosus fistulosus. Best of the Sunflowers. Very large; double . . 5

Double Green-centered. Large flower, green center when young; when old perfectly double. Five to eight feet in height 5

Dwarf Golden. Variegated foliage, five to six feet high. Very effective as single specimens. Seventy to eighty per cent. true from seed 10

Extra Double Dwarf. About four feet high. Each branch, from the ground to the top of main stem, bears a golden flower 10

One each of the above three double varieties 20 cents.

Mammoth Russian. Very large. Usually grown for feed. Per pound, 10 cents; ½ lb., 15 cents; ¼ lb., 10 cents; oz 5

White Beauty. Most prolific variety grown. Per pound, 35 cents; oz 5

SALVIA

or Flowering Sage

The Scarlet Salvias are among the most brilliant red-flowering bedding plants in cultivation. They bloom from middle of July to frost. Sow seed early indoors or in a frame in time to get good plants to set out of doors the latter part of May, or when the weather is suitable. Massed in a bed, or a row or two around the verandah, they make a beautiful show. Set plants one foot apart.

Clara Bedman (Bonfire). The plants are compact and produce long spikes, of which there are sometimes two hundred to a plant, bearing from twenty to thirty flowers each. For masses on the lawn or in the garden, or in rows along the walks, its brilliant, dazzling scarlet flowers are simply gorgeous 10

Burning Bush **(Salvia splendens gigantea prostrata).** This magnificent new variety blooms earlier than any other Salvia, and the flowers are produced in such great numbers that they cause the spikes to droop gracefully with their weight, the effect being showy and attractive. The flowers are of a brilliant, dazzling scarlet, and borne in endless profusion all summer and fall 10

Alfred Ragueneau. A new dwarf Salvia. The plants grow only eighteen inches high, compact, and covered with flower spikes of a brilliant scarlet, clear above the foliage. Fine for massing or for border around beds of other plants 10

New Golden. Foliage a rich golden yellow, constant and distinct. Flowers brilliant scarlet, the spikes large and full, making a striking contrast. Plant only eighteen inches high. Two packets for 25 cents . . 15

Splendens. True; large, scarlet 10

Coccinea lactea. Pure white 10

Rœmeriana. Scarlet 10

Patens. Flowers of a delightful blue 15

SHASTA DAISY

The Shasta Daisy is the first of a new type, which has been obtained by hybridization and rigid selection through a series of years. It is a very hardy perennial, blooming better and more abundantly each season, and continues to bloom for several months. It can be multiplied rapidly by simple division, and it is not particular as to soil. The pure white flowers average about four inches in diameter, and are borne on single, long, stiff, wiry stems. The blooms when cut remain perfectly fresh and in good condition for two weeks or more. **Seed, per packet, 10 cents. Plants, each 20 cents.**

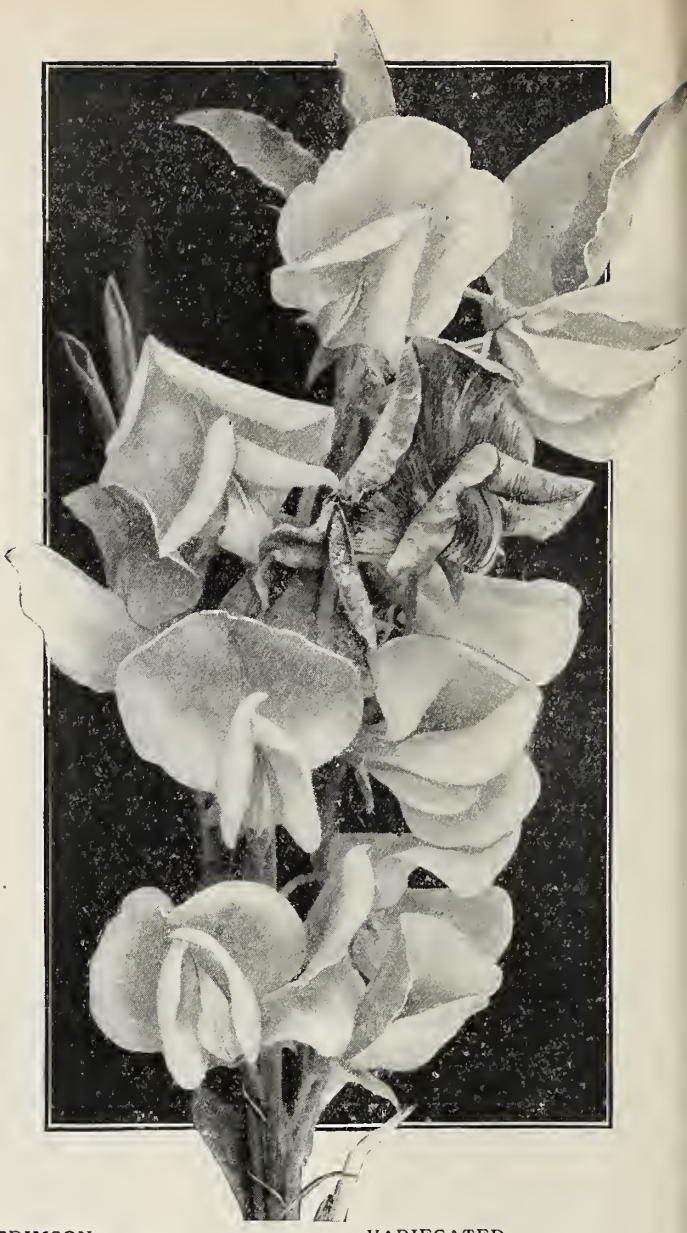
Vick Quality
has satisfied many thousand customers during the past Fifty-five years. Our seed this year fully sustains the high reputation of
Vick Quality

SCARLET SALVIA

SWEET PEAS

Sweet Peas are among the most beautiful of all our hardy annuals. Any ordinary garden soil is well adapted for growing them. Select a sunny, open place, several feet from any building, or close fence, and as far as possible from large trees. Sow as early in the spring as possible. *Do not wait for fair weather.* Plant in double rows six inches apart and four inches deep, dropping the seeds three inches apart, alternating them in this manner ° ° ° ° ° When up, hoe the soil toward the plants a little, but do not form a ridge. Furnish support early. The one important point is to keep the surface of the soil fine and mellow from the time it is worked up in the spring. The following list embraces the most desirable sorts that have been brought out up to the present time, although we can furnish any of the 150 varieties offered by the trade.

Price, per packet, 5 cents; oz., 10 cents; ¼ lb., 20 cents; ½ lb., 35 cents; lb., 60 cents; unless otherwise noted. Not less than ¼ pound of a variety at these rates.



WHITE.

Blanche Burpee. Very fine pure white.
Emily Henderson. Large, pure white.
Mont Blanc. The earliest-flowering white. ¼ lb., 25 cents; ½ lb., 40 cents; lb., 75 cents.
Sadie Burpee. Pure white, of the largest size.

YELLOW.

The Hon. Mrs. E. Kenyon. The largest and best of the primrose-colored Sweet Peas. Packet, 5 cents; oz., 10 cents; ¼ lb., 25 cents; ½ lb., 40 cents; lb., 75 cents.
Queen Victoria. Light primrose, self-colored.
Stella Morse. Rich primrose, flushed pink.

BLUE AND PURPLE.

Captain of the Blues. Standard purple-blue; wings bright blue.
Countess Cadogan. Standard light bluish purple; wings clear blue.
Duke of Westminster. Standard clear purple; wings purple, with tint of violet.
Navy Blue. Standard indigo and violet; wings indigo, shading to navy blue and bright blue.

PURPLE-MAUVE.

Captivation. Light purple-magenta.
Dorothy Tennant. Rich rosy mauve self.
Emily Eckford. Rosy mauve, changing to an almost true blue.
Fascination. Delicate magenta-mauve.

LAVENDER.

Lady Grisel Hamilton. Standard mauve; wings lavender. Flowers extra large. ¼ lb., 25 cents; ½ lb., 40 cents; lb., 75 cents.
Lady Nina Balfour. Delicate light lavender.
New Countess. Delicate lavender.

BLUE- OR LAVENDER-EDGED.

Lottie Eckford. White, shaded and edged with soft lavender.
Maid of Honor. White, edged and shaded with light blue.

ORANGE-PINK.

Miss Willmott. Standard orange-pink, veined with deeper shade; wings orange-rose. The largest and best of this shade. Packet, 5 cents; oz., 10 cents; ¼ lb., 25 cents; ½ lb., 40 cents; lb., 75 cents.
Lady Mary Curie. Standard crimson-orange; wings crimson, with tint of orange.
Gorgeous. Rich glowing scarlet-orange.

PINK.

Crown Jewel. Standard suffused with rosy-violet; wings creamy white, tinted with rose.
Hon. F. Bouverie. Standard and wings both deep pink at base, shading to light pink.
Katherine Tracy. Standard soft pink; wings a trifle lighter.
Lady Skelmersdale. Standard light carmine, shading to white; wings almost pure white.
Lovely. Beautiful soft shell-pink.
Modesty. Most delicate tint of pink.
Prima Donna. The softest clear pink self.
Royal Robe. A bright but soft pink self.
Sensation. White, suffused with blush-pink.
Venus. Soft salmon-buff, delicately shaded with rosy pink.

PINK AND WHITE.

Bride of Niagara. Double. Packet, 5 cents; oz., 10 cents; ¼ lb., 25 cents; lb., 75 cents.
Blanche Ferry.
Extra Early Blanche Ferry.

ROSE OR DEEP PINK.

Majestic (new). Rich deep rose-pink self. ¼ lb., 25 cents; ½ lb., 40 cents; lb., 75 cents.
Royal Rose. Standard deep rose; wings light pink.

ROSE-CRIMSON

Colonist. Bright rose-cardinal; self-colored.
Lord Kenyon (new). Rose-magenta, flushed crimson.
Fashion. Rose-magenta; self-colored.
Mrs. Dugdale. Crimson-rose; self-colored. One of the largest-flowered.
Prince of Wales. Rose-crimson; self-colored. Flowers extra large.

SCARLET AND CRIMSON.

Prince Edward of York. Standard crimson-scarlet; wings crimson. Extra large.
Salopian. The best of the crimson-scarlets.

MAROON.

Black Knight. Deep maroon; self-colored.
Duke of Clarence. Rich deep claret self.
Duke of Sutherland. Deep claret and indigo-blue.
Othello. A very deep glossy maroon self.
Shahzada. Rich dark maroon with shade of purple.

VARIEGATED.

America. Crimson-scarlet, striped on white.
Aurora. Orange-rose, striped on white.
Gray Friar. Beautiful light watered purple on white ground, having a grayish effect.
Lottie Hutchins. Cream, flaked with pink.
Mrs. Joseph Chamberlain. White, striped and flaked heavily with pale rose.
Ramona. Creamy white, daintily splashed with pale pink.
Senator. Creamy white, striped with purplish maroon and violet.

DWARF VARIETIES.

	Pkt.	oz.	¼ lb.	lb.
Cupid, Beauty	5	10	25	80
Cupid, Pink	5	10	25	80
Cupid, Primrose	5	10	25	80
Cupid, White	5	10	25	80
Cupid, all varieties mixed	5	10	20	75

One 5-cent packet from each of the above Fifteen Groups for 60 cents; or One 5-cent packet from any Nine Groups for 40 cents.

MIXED SWEET PEAS

Vick's "Invincible Mixture," superior selected strains. The mixture introduced as "Vick's Invincible" we know will please the most exacting. For flowers of delicate colors, varying from pearly white to the richest reds and purples, the "Invincible" leads, because it is the result of selecting, year after year, seeds from the choicest flowers. The mixture cannot fail to give satisfaction. Packet, 5 cents; oz. 10 cents; ¼ lb. 25 cents; ½ lb., 40 cents; pound, 75 cents.

Eckford's Gilt-Edge, Special Mixed. Packet, 5 cents; oz. 10 cents; ¼ lb., 20 cents; ½ lb., 30 cents; lb., 50 cents.

Sweet Peas at Wholesale Prices. We offer a fine mixture composed of the standard sorts, at the following prices:

Ounce, 5 cents; ¼ lb., 15 cents; ½ lb., 25 cents; lb., 40 cents.

VICK'S BANNER COLLECTION

OF

SWEET PEAS

20 Varieties 25 Cents

40 Varieties 40 Cents

Each in a Separate Packet

A Perfect Rainbow of Colors

Experience has taught that Sweet Peas should always be grown in separate colors, both for the satisfaction of comparing the different sorts and the facility of making proper groupings of colors in cut flowers. Oftentimes some special color is desired for decorations, and if your Sweet Peas are grown in this way, all you have to do is to gather what you desire, instead of sorting them from mixtures of many colors.

We make this offer to enable our customers to grow their Sweet Peas in this most satisfactory manner at a cost to them not greater than they usually pay for their Sweet Peas in mixed varieties, or at the best a few named sorts. Our large collection of forty varieties covers all the most desirable; the smaller, of twenty varieties, all the range of colors; so that with either you are sure to receive unbounded satisfaction; and if you care to make exhibits at the fairs, are pretty sure to gain a prize.

A booklet with complete descriptions and cultural directions will be sent with each order. You can by this work compare the different sorts and post yourself quite well on the different varieties of Sweet Peas.

The following varieties compose the cream of the list, and as these collections were packed before the busy season we can in no instance make changes.

40 Packets, 40 cents.		20 Packets, 25 Cents.
America.	Mrs. Eckford.	Aurora.
American Queen.	Mrs. Dugdale.	Captivation.
Aurora.	Miss Willmott.	Countess Cadogan.
Captain of the Blues.	Modesty.	Duke of Westminster.
Captivation.	Navy Blue.	Emily Henderson.
Countess Cadogan.	New Countess.	Ex. Early Blanche Ferry.
Crown Jewel.	Othello.	Gray Friar.
Duke of Westminster.	Pink Friar.	Lady Skelmersdale.
Emily Henderson.	Prima Donna.	Lady Grisel Hamilton.
Ex. Early Blanche Ferry	Prince Edward of York.	Lottie Eckford.
Gorgeous.	Prince of Wales.	Lovely.
Gray Friar.	Ramona.	Miss Willmott.
Hon. F. Bouverie.	Royal Rose.	Navy Blue.
Jeannie Gordon.	Sadie Burpee.	Othello.
Lady Grisel Hamilton.	Salopian.	Prince of Wales.
Lady M. Ormsby-Gore.	Senator.	Sadie Burpee.
Lady Skelmersdale.	Shazada.	Salopian.
Lottie Eckford.	Stella Morse.	Stella Morse.
Lord Kenyon.	The Hon. Mrs. E. Kenyon	The Hon. Mrs. E. Kenyon
Lovely.	Venus.	Venus.

PEAS, Perennial

Perennial Peas. Perfectly hardy. Grow five feet high. White, Red, or mixed varieties; each 5

SWEET ROCKET

The Sweet Rocket is a very hardy perennial, bearing clusters of single flowers, which are fragrant during the evening. Colors purple and white. The plant, with fair culture, will grow eighteen inches high. Seed will germinate readily in open ground. **Sweet Purple, Sweet White,** or mixed, each . 5

TEN-WEEKS STOCK

The Ten-Weeks or Annual Stock has nearly or quite all the requisites of a perfect flowering plant—good habit, fine foliage, and beautiful flowers of almost every desirable tint. Seeds may be sown in the open ground, hotbed or cold-frame, but transplanting should be done when the plants are just out of the seed-leaf. Make the soil deep and rich, and set the plants a foot apart. If plants that are not too far advanced are carefully potted in the fall, they will flower finely in winter in a house that is tolerably cool and moist. For this purpose sow seeds late in the season. Although not a constant bloomer, like Phlox, the flowers endure for a long time, and the side shoots give a succession of blossoms when the plant can obtain a needed supply of moisture.

Largest-Flowering Dwarf. From pot grown plants. Dwarf habit, with magnificent large spikes of large double flowers. All colors mixed . 10

Largest-Flowering Dwarf. In colors, white, flesh-color, aurora, apple-blossom, rose, carmine, shining purple-carmine, crimson, blood-red, light-blue, violet, each 10

Dwarf German, from field-grown plants. Mixed colors 5

Large-Flowering Pyramidal Dwarf. Of pyramidal habit; long spikes of large flowers. Choice colors mixed 10

Large-flowering Pyramidal. Celestial blue. Excellent color 10

Snow Flake (Forcing). This variety of Dwarf Wallflower-leaved Large-flowering Stock is the earliest white, and one of the earliest of all Ten-weeks Stocks. Admirably adapted for forcing. The snow-white flowers are uncommonly large and double. Seed produces about 60 per cent. of double-flowering plants 25

Dresden Perpetual (Cut-and-Come-Again, or Princess Alice). Pure white. Plants of robust growth and branching habit. If sown early commences blooming in June and continues until frost, producing flowers in September and October, when other varieties have faded. Fine for cutting 25

Large-flowering Wallflower-leaved. Smooth, dark, shining leaves. Dwarf. Set six inches apart. Mixed colors 10

Wallflower-leaved White. A beautiful variety, the flowers being the clearest possible white, contrasting grandly with the dark green, glossy foliage. Grown largely for cut flowers 10

Wallflower-leaved Blood-red. The deepest red of all the Stocks. A very choice variety, prized by florists for cutting 15

BROMPTON STOCK

Both plant and flowers are larger than the Annual stock, and the spikes longer and bolder. The Brompton Stock cannot survive our winters, but plants can be removed to the house in the fall, where they will flower well if not kept too hot and dry. In spring they can be transferred to the garden. Biennial.

Empress Elizabeth. Splendid novelty. Immense spikes of bright carmine flowers. Superb both for pots and cutting 15

Best mixed colors 10

SCABIOSA—Mourning Bride

The Scabiosa is an old favorite, and of late years has been greatly improved. The flowers are borne on long wiry stems, in white, yellow, pink, scarlet, crimson, and maroon. Beautiful in the garden, and excellent for bouquets. Twelve to eighteen inches high. Annual.

The Pompadour, New Double. A remarkable improvement in the Scabiosa, with florets very much increased in size, variety, and brilliancy of color, making it doubly desirable for use as a border plant and for cut flowers for decorative purposes 10

Double Tall. Mixed colors 5

Double Dwarf. A pretty compact plant. Mixed colors 5

Double Yellow. A distinct color, obtained after years of careful selection . 10

Double White (Snowball). Pure white 5

Royal Purple. Large-flowered double. Color rich claret. 5

THUNBERGIA

Beautiful, rapid-growing annual climbers, with pretty flowers (white, buff, or orange, with dark eyes) borne in profusion. Seeds start slowly at first, and should be sown in a hotbed. When the plants are a few inches high transplant to a light, rich, loamy soil in the garden. For house culture, baskets, and vases, there are few plants superior to the Thunbergia. They may be used very effectively in beds, pegged down. Mixed colors 10

VICK'S VERBENAS

Very few plants will make such a gorgeous display during the summer months as the Verbenas, or furnish more flowers for cutting. Start seed in the house or under glass early in the spring, and transplant after three or four inches of growth. Good healthy plants can be produced from seed as readily as almost any tender annual. They flower in July, and continue strong and healthy until destroyed by frosts. For more than thirty years we have made a specialty of Verbenas, and our stock today stands unrivaled.

Auricula-Flowered or White-Eyed. Mixed colors 10
Striped. Excellent flowers, with Carnation-like stripes 10
Scarlet. Brightest scarlet. Quite true 10
Pure White. Quite true from seed. 10
Cloth of Gold. The golden yellow leaves present a unique appearance. Fine Mixed 10
Cœrulea. Blue, with white eye 10
Lutea (Primrose). Yellow 10
Purplish Violet, with large white center 10

One packet of each of the above eight varieties for 60 cents.

Verbena hybrida. Extra large flowers, fine mixed colors, choice seed, saved only from the most beautiful named flowers, ounce, $2.50 10
Mixed colors 5

"Vick Quality" Means the best there is in seeds. Has been the highest Standard for fifty-five years. Never disappoints

VIOLETS

Viola odorata is the well-known English Violet, a free-flowering hardy perennial. May be grown from seed, though somewhat slow in germinating. Succeeds best in a partially shaded, moist place.

Viola odorata (semperflorens) Deep violet-blue, and deliciously fragrant 10
The Czar. Blue and White, sweet-scented, each 10

Viola cornuta. This is a beautiful old border flower which, since its introduction into the summer flower-garden, has been taken in hand by the hybridizer, and many lovely forms of it now enrich our collections. It commences to flower early in the season and continues until frost. Habit and constitution robust; flowers large and delicately fragrant.

Viola cornuta Admiration. Magnificent flowers of a beautiful dark blue 10
Viola cornuta. Dark blue, lavender, and white. Sold only in mixture . . 10
Viola lutea grandiflora (splendens). Large yellow 10

VINCA—Madagascar Periwinkle

The Vincas are among our most satisfactory bedding plants; they are very ornamental, and bloom freely from early summer until destroyed by frost. In the fall they can be potted for the house, and kept in bloom through the winter. Seeds can be started in the window or under glass. They are raised for planting in the parks of Rochester in the following manner: Seeds are sown the last of March in "flats" or shallow boxes, and placed in a hotbed. When seedlings are large enough to handle they are transplanted into other flats and grown along in the hotbed until the middle of May and then hardened off. About June 1st they are planted out about one foot apart in the beds where they are to bloom. Seed sown in coldframe from the 1st to 15th of April will also give good plants in time for setting out. Annual.

Rosea. Rose 10
Rosea alba. White, red eye . . 10
Rosea nova species. White . 10
Mixed varieties 10

WALLFLOWER

These deliciously fragrant half-hardy perennials should be better known. By growing plants in the garden and transplanting to pots in the autumn; or better, by placing plants in pots when taken from the seedbed, and sinking the pots to the rim in earth, good plants will be secured for winter flowering in the house. Give a cool room and plenty of water, or they may be protected in a coldframe during winter, and planted out in May. Where winters are not very severe the Wallflowers make most desirable plants, giving plenty of early spring flowers.

Fine mixed colors, double 10
Flowering first season fine mixed colors, single 5

VERBENA

VICK'S LARGE-FLOWERING ZINNIAS

A bed or border of Vick's Giant-flowering Double Zinnias, in either mixed or separate colors, is surprisingly beautiful in the range of colors, as well as the size and perfection of the flowers. Seed sown in the open ground will produce strong plants, which will thrive and bloom from early summer until killed by late frosts. Set plants from twelve to eighteen inches apart. The young plants can be easily transplanted if desired.

GIANT-FLOWERING DOUBLE

Plants of vigorous growth, about three feet high, bearing profusely their perfectly-formed double flowers, from four to five inches in diameter.

Scarlet Striped Gold . . . . . 10 **Citron-Yellow**. 10

Queen Victoria. A variety of vigorous growth, with very double pure white flowers about four inches in diameter 10

All colors mixed 10

LARGE-FLOWERING TALL DOUBLE.

Separate Colors—lilac, purple, scarlet, rose, crimson, orange, yellow, white—each. 5

One packet of each of the above eight varieties for 30 cents.

All colors mixed, ounce, 50 cents 5

Curled and Crested. A beautiful strain of this popular plant, showing on each plant from 100 to 200 large double flowers, the petals being crested, twisted and curled into graceful and most fantastic forms. The colors comprise all the beautiful shades characteristic of the Zinnia . . . 5

LARGE-FLOWERING DWARF DOUBLE.

Only two feet high; compact-growing. Flowers very large, double to the center, and of perfect form.

Eight separate colors,—crimson, scarlet, yellow, orange, purple, violet, salmon, and pure white; each color 5

One packet of each of the above eight varieties for 30 cents.

Choicest colors mixed; ounce, 50 cents 5

Double Striped. A class embracing colors of the Large-Flowering Dwarf Zinnias, with striped and blotched petals. They grow about 50 per cent. striped, remainder solid colors. Mixed colors only 10

LILLIPUT VARIETIES.

Exceedingly pretty plants, fifteen inches high, and thickly branched. Flowers but little larger than a Daisy in size, very double, and freely produced all summer and until late in fall. Fine for pots, as well as for groups and borders.

Golden Gem. Scarlet Gem. White Gem. Orange Gem. The four for 30 cents; each . . . . 10 **Mixed Colors** 10

Tom Thumb. Varies from four to twelve inches in height, and from six to fourteen inches in diameter, forming compact, free-flowering, pigmy bushes, suited for edgings, small beds, and pot plants. Mixed colors . . . 10

Vick's Collection of Zinnias

Attention is called to the magnificent colors of the flowers of the Large-Flowering Zinnias. It is not long since the Zinnia was considered a coarse plant, with muddy color effects in the flowers, and we must confess that we are surprised at the improvements made in the past few years. On our trial grounds Zinnias were grown beside Dahlias, and the solid colors equaled in brilliancy the more aristocratic flower. We are sure that any who purchase the collection in separate colors will be more than pleased with their investment.

Tall Double, Eight separate colors —
Lilac, purple, crimson, scarlet, rose, orange, yellow, white,
— in one collection for 30 cents.

EVERLASTINGS

Acroclinium. One of the most beautiful Everlastings. Gather the first day they open to secure a bright center when dried. Bright rose and white. Single varieties, both colors mixed, ounce, 30 cents 5
Double varieties mixed 10

Gomphrena (Globe Amaranth). Start seed in a hotbed, if possible. Set the plants about a foot apart. Mixed varieties, ounce 20 cents . . . 5

Helichrysum monstrosum. Flowers double, large and full, and of a good variety of colors. Two feet. Cut just before the flowers fully expand. Plant about a foot apart. Seeds germinate readily, even in the open ground. Mixed colors 5

Helipterum grows about a foot in height, branching, hearing very many clusters of flowers. Should he taken when the buds are about opening, tied in bunches, and hung up in a shady place. The flowers will open in the drying process, retaining their color and brightness for many years.

Sanfordii. Choice. Flowers small, rich yellow 5

Rhodanthe. Fine for garden. Comes into flower early and continues a long time. One of the best everlastings for bouquets. Care is necessary in starting seeds. After good plants are grown we never fail to obtain abundance of flowers. Fine single mixed 10

Xeranthemum. Free-blooming annual. One foot. Seeds germinate freely. Transplants well when young. Set ten inches apart. Mixed colors. . . 5

ORNAMENTAL GRASSES

Agrostis nebulosa. The most elegant of Ornamental Grasses 5

Arundo Donax variegatis aureus. Perennial. Strong stem, with golden-yellow striped leaves. Six feet high 5

Briza maxima. Perfectly hardy. One foot 5

Briza geniculata. Small; flowers freely. Eight inches 5

Chrysurus cynosuroides (Lamarckia aurea). Feathery spikes . . . 5

Coix lachryma (Job's Tears). Two feet; Corn-like leaves. Ounce 20c . 5

Erianthus Ravennæ. As fine as Pampas Grass. Superior for a northern climate. Hardy. Plants, 15 cents each; seeds 5

Gynerium argenteum (Pampas Grass). A noble Grass, flowers second season. Not hardy here 5

Hordeum jubatum (Squirrel Tail Grass). Fine 5

Lagurus ovatus. Dwarf. Called Hare's Tail Grass. One foot 5

Pennisetum longistylum. A very graceful grass, growing eighteen inches 5

Stipa pennata (Feather Grass). Magnificent. Flowers second season . 5

SEEDS OF BULBS

There are a few bulbs which do not come to perfection very rapidly from seed, and therefore amateurs have seldom patience to wait for this slow process, but obtain plants or bulbs that will flower the first season. A few, however, derive pleasure in watching the development from the tiny seed to the perfect plant. For the benefit of such we always keep a stock of these seeds, a few of which we mention.

Dahlia. Choicest double varieties mixed 10

Dahlia. Finest single varieties mixed 10

Gladiolus 10

SEEDS OF HARDY CLIMBERS

These plants are mostly obtained by purchasing roots, and this is the better way when they can be procured. Some, however, cannot get plants, and must be content with seeds. Sow very early in spring or autumn, in drills, in well-prepared beds. Keep the soil mellow.

Ampelopsis quinquefolia. Virginia Creeper 5

Ampelopsis Veitchii. Good wall plant, clinging to the smoothest surface. Absolutely the finest of the clinging climbers 5

Bignonia (Tecoma) radicans. Trumpet Vine 5

Celastrus scandens. Climbing Bitter-Sweet. 5

Clematis Flammula. Fragrant, white 5

Clematis paniculata. Pure white 10

Clematis Vitalba. White 5

WILD GARDEN. Mixed Flower Seeds, in great variety, for sowing broadcast, per ounce, 20 cents 5

MANY persons take great pleasure in growing plants from the seed, and as many of these seeds are small, they require care in sowing. Most of the plants in this department come from warm, moist climates, so we must supply similar conditions artificially. To do this without a greenhouse, sow the seeds in boxes or large pots; make a compost of three parts rotted sod and one part fine sand; this makes a rich soil that will not bake. Sow the seed very thin on the surface, then sift a very little fine earth over them, and water gently through a fine sprayer; lay a piece of glass over the top, and put the boxes or pots where they may have ordinary warmth and light, but no direct sunlight. When the plants are up remove the glass, or they will become mouldy and decay near the surface of the ground. As soon as they have made two leaves, transplant carefully into another box or pot of similar soil, set in a shady place for a few days, and water very sparingly. When somewhat established, remove them to the light.

Abutilon (Chinese Bell-Flower or Flowering Maple). The well-known greenhouse shrub which will bloom most freely with very common treatment. Sown any time before April in a temperature of about 60 degrees, they will produce strong flowering plants the first season. Finest varieties mixed 10

Begonia Rex-Diadema. This seed has been saved from the largest and finest collection in Europe, and contains all the latest varieties 50

Single Tuberous-rooted. Finest mixed 25

Double Tuberous-rooted. Finest mixed 50

Calceolaria. The Calceolarias are very beautiful and popular plants, producing masses of peculiar pocket-shaped, striped, blotched, and variegated flowers. They make gorgeous plants for greenhouse or window.

hybrida grandiflora. Large-flowered, self-colored, rich and beautiful; saved from finest collection 25

hybrida tigrina. Large-flowering, tigered and spotted. Finest mixture of most brilliant and beautifully marked flowers 25

Carnation, Remontant or Tree Carnation. Italian 25

Chrysanthemum Indicum, from a fine collection of show flowers. . . . 25

Cineraria. These may be classed among the most useful flowering plants we possess, and are comparatively easy to grow from seed. Their exceedingly bright colors and compact habit constitute them most suitable conservatory decorative plants.

hybrida, choice mixed 25

hybrida grandiflora. From the largest-flowered prize varieties. Splendid mixed 50

Cineraria maritima (Dusty Miller). Leaves, silvery gray. Fine for vases, hanging baskets, and ribbon planting. 5

Clianthus Dampieri (Australian Glory Pea). A magnificent climbing plant of quick growth, bearing intense scarlet, singular-shaped flowers, with a black central base. Plant in a warm, dry position. Tender perennial, four feet high 10

Coleus. These very free-growing plants are remarkable for the bright colors of their foliage, with all the shades of red from pale pink to deepest crimson, and green from faintest to dark olive combined with yellow. Sow seed in March. Mixed seeds from choicest sorts . . . 25

Cuphea (Cigar Plant). A dwarf perennial with smooth lanceolate leaves, and tubular scarlet flower. Profuse flowering. One foot high 10

Cyclamen Persicum giganteum. Choice strain, large flowers, rich colors 25

Persicum. Choice mixed 10

Fuchsia. Splendid mixture of single and double 50

Geranium. Fine, mixed 10

Apple-scented 25

Gold and Bronze-Leaved 25

Choicest fancy varieties, (Lady Washington) mixed sorts. 25

Gloxinia hybrida. Best quality; from choice show flowers. 25

Grevillea robusta (Silk Oak). A beautiful decorative plant 10

Hibiscus coccineus. Scarlet. Three feet 10

Impatiens Sultani. Rosy-carmine. Constant bloomer 10

Lantana. Finest mixed 10

Linaria Cymbalaria (**Kenilworth Ivy**). Lavender and purple . . . 10

Nerium Oleander. Common Oleander 10

Oxalis floribunda. Fine for baskets or for pots. White and Pink mixed . 10

Passiflora cœrulea. The hardiest Passion Flower 10

Poinciana Gillesii (Bird of Paradise). A beautiful plant, with large, bright golden-yellow flowers, produced in large trusses 10

Primula Sinensis (**Chinese Primrose**) **fimbriata rubra.** Red; extra . 25

fimbriata alba. White; extra 25

fimbriata striata. White, striped with red 25

Choicest fringed varieties mixed 25

Fern-leaved. Very pretty Fern-like foliage. Red and White, separate or mixed, each 25

Double Fringed. A large percentage of the flowers perfectly double. Choicest mixed 50

Double White. Package of 20 seeds 50

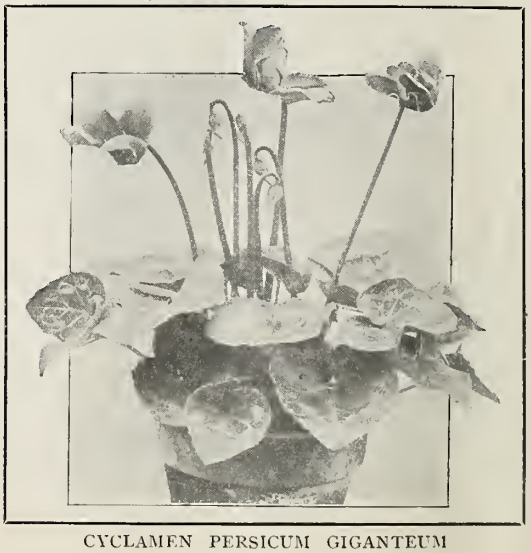
Forbesii (Baby Primrose). Fine for the house, needing little care . . 20

obconica grandiflora. Profuse bloomer, bearing on long stems heads with 10 to 15 white flowers, occasionally shading to lilac. Primrose fragrance. 15

Smilax. A graceful as well as useful climber for the greenhouse or window. It is invaluable for bouquets and floral decorations. Sow seed in February in hot-bed or greenhouse, and keep in a moist place 10

Solanum ciliatum. Red-fruited. Very fine 10

Stevia serrata. Pure white; fragrant. Excellent for bouquets 10



CYCLAMEN PERSICUM GIGANTEUM

There is an increasing demand for plants that are perfectly hardy, and we are well pleased to note how steadily a knowledge of growing and massing hardy flowers is gaining, and the consequent improvement in our gardens. A strong point in favor of hardy flowers is the use that can be made of them for house and table decoration. The effectiveness of the many combinations and arrangements that can be made with them excites the admiration of all lovers of the beautiful. With a good collection of hardy plants and bulbs we have not only a flower garden, but also a garden of flowers; and that is what we want. This department is devoted entirely to Bulbs and Plants that will bear a Northern winter without injury, like the Lilies, Peonies, Hardy Shrubs, etc. *All Plants and Bulbs will be delivered at your Post Office at prices given (except as noted), unless specially ordered otherwise*, or when in our judgment the expressage would be too costly. As it is much more difficult to pack to carry with safety a single plant than a larger number, we trust our customers will order accordingly. For economy and safety in packing it is best to order at least a dollar's worth of plants. When SEEDS and BULBS or TENDER PLANTS are ordered together, if not safe to send all, on account of cold weather, the SEEDS will be sent at once, and the BULBS and PLANTS as soon as safe. Should the weather be unfavorable, or the ground not prepared on their arrival, Hardy Plants, Roots, etc., would better be placed in the cellar, the Lily and the Peony being covered with about two inches of moist (not wet) soil, while shrubs and grasses, like the Hydrangea, Deutzia, Eulalia, etc., require only their roots covered, with the soil made firm around them.

ANEMONE

Whirlwind. This new double variety has the habit, and all the other good qualities of the Single White Japan Anemone, with the additional ones of greater hardiness and more lasting blooms. The flowers are two and a half to three inches across, and have several rows of white sepals. The plants grow very evenly, from two and a half to three feet in height, and have large and beautiful foliage. Each, 20 cents; per dozen, $2.00.

Queen Charlotte. Early-flowering, vigorous grower. Begins flowering in August, and continues until November, becoming more attractive each day. Flowers semi-double, broad, perfectly formed, and of a delightful shade of silvery pink. Each, 20 cents; per dozen, $2.00.

Coup d'Argent. Double white, but much dwarfer than Whirlwind. Each, 20 cents; per dozen, $2.00.

The set of three Anemonies for 60 cents.

ACHILLEA

"The Pearl." The blossoms are of purest white, and so large that they resemble a Pompon Chrysanthemum. Hardy, and will thrive in almost any situation. Very desirable for the garden or cemetery. Blooms nearly the whole season. Each, 20 cents; three for 50 cents.

Millefolium roseum. Foliage finely cut; flowers pink. A continuous bloomer. Each, 20 cents; two for 30 cents.

AQUILEGIA

Chrysantha. The beautiful golden-yellow Columbine. Each, 20 cents.

Cœrulea. The true Rocky Mountain Columbine. Flowers blue. Each, 20 cents.

Nivea grandiflora. A beautiful large pure white. Each, 20 cents.

HARDY ASTERS—Michælmas Daisies

The hardy Asters produce an abundance of bloom in the fall, when other flowers are scarce. Each, 20 cents; per dozen, $2.00.

Lady Trevelyan. Pure white. Dwarf. **Pyramidalis.** Light blue. Dwarf.

Mrs. F. W. Raynor. Light crimson. **White Queen.** Pure white. Tall.

BLEEDING HEART. Dicentra spectabilis. Bears heart-shaped, deep pink flowers, a dozen or more being borne in a graceful drooping raceme a foot in length. Each, 30 cents.

BLUE SPIRÆA. Caryopteris mastacanthus. A handsome plant, with numerous small blue or lavender flowers clustered around the branch just above each pair of leaves. Each, 20 cents; per dozen $2.00.

CLEMATIS DAVIDIANA. A vigorous, hardy plant, two to four feet high, flowers bell-shaped, deep lavender or violet in color, very fragrant, and are produced in clusters in great profusion. Strong plants, each, 25 cents; two for 40 cents.

EUPHORBIA COROLLATA. Very useful for bouquets. In bloom from July to October. Flowers white, small and star-like, in lovely sprays. When made up with colored flowers they add a peculiar charm to a bouquet or vase. Should be in every garden. Each, 20 cents; two for 30 cents.

EUPATORIUM AGERATOIDES. A useful border plant, producing large heads of handsome white flowers in August and September. Each, 20 cents.

HIBISCUS

Crimson Eye. Pure white, with a velvety crimson center. Each, 20 cents; two for 35 cents.

Large-Flowering. Perfectly hardy in any place. Color deep pink. Each, 20 cents; two for 35 cents.

Militaris. Delicate flesh-pink flowers, tinged with deeper color towards the center. Each, 20 cents; two for 35 cents.

HOLLYHOCK

We have excellent healthy plants, grown from seed, that will flower the first summer, and usually for three or four summers after. Give the plants a light covering of coarse litter for winter protection.

Double, Assorted colors. Each, 20 cents; six for $1.00.

"Allegheny." New Fringed Perpetual-Blooming. A great improvement in Hollyhocks. The flowers come single, semi-double, and double.

EULALIA. Handsome, tall, ornamental grasses for the open lawn, or to be grown in clumps in the borders of shrubbery. Their exceedingly graceful habit of growth, large tassel-like plumes, and elegant colors, give them a tropical appearance.

Japonica zebrina. Stripe or marking is across the leaf instead of lengthwise.

Japonica variegata. This variety, except that the variegation of the leaf is lengthwise, is very similar in style and growth to E. Japonica zebrina.

Gracillima univitata. The most beautiful of all the Eulalias. Foliage narrow, dark green, with a silvery white midrib.

Each, 20 cents; one plant each of above three for 50 cents.

FOXGLOVE. Digitalis. A highly ornamental perennial plant of stately growth. Excellent for planting in shubberies and other half-hardy places. The racemes of flowers are often two feet in length. Each, 20 cents.

GAILLARDIA GRANDIFLORA. Among the most attractive and effective of our hardy perennial plants. Will thrive in almost any position or in any soil. One mass of bloom from June till autumn. Flowers from 2½ to 3½ inches in diameter, borne on long stems, and of gorgeous coloring. Excellent for cutting. Each, 20 cents.

GOLDEN GLOW. (Rudbeckia laciniata flore-pleno). A beautiful hardy perennial, eight feet high, blooming from July to September. Flowers double, deep golden yellow, borne on long stems, making it suitable for cutting. One of the most effective decorative plants for garden or lawn. Each, 20 cents; two for 30 cents; dozen, $1.50.

GYPSOPHILA PANICULATA. Gypsophilas are valuable for bouquet making, either green or dried. They are very graceful and easily cultivated. Should be in every garden. Flowers white. Each, 20 cents.

LARKSPUR. Delphiniums are valuable plants for the herbaceous garden, and will give perfect satisfaction to any one who grows them. Their long spikes of flowers are produced from June until frost.

Formosum. The finest blue known among our hardy plants. Each, 20 cents

Bee Larkspur. Remarkable and interesting, the petals being folded up in the center of each flower so as to resemble a bee. Flowers lighter than Delphinium formosum. Each, 20 cents.

LYCHNIS CHALCEDONICA. Produces large heads of brilliant scarlet flowers. A gem for cut flowers. Each, 20 cents; dozen, $2.00.

JAPAN IRIS

The flowers of the Japan Iris are of the richest colors, ranging from white to purple, with delicate markings and veinings, and quite different in form from those of the German Iris, being much flatter and larger. Some flowers are eight inches in diameter, and the most delicate and beautiful combinations of colors imaginable. Named varieties, including both double and single, each, 25 cents; per dozen, $2.50.

Ajax. Single. Petals white, bordered and striped violet.
Diadem. Single. White, inner petals lilac.
Maiden's Blush. Single. Creamy white, veined light red violet.
Oddity. Single. Dark purple, slightly freckled white.
Sunrise. Single. Outer petals white, veined with rich lilac.
Sunset. Single. White, veined and flecked with violet.
Beauty. Double. Pure white, veined rich violet.
Hiawatha. Double. White, heavily overlaid with dark violet.
Murillo. Double. Rich purple.
Naomi. Double. Intense purple, shading to violet.
Sapphire. Double. Rich purplish blue, overlaid with white.

GERMAN IRIS

A good old flower, handsome and as many hued as some of our finest orchids. Perfectly hardy. They bloom in May and June, when there is always a scarcity of flowers. Plant three inches deep. Each, 20 cents; six for $1 00,

Bacchus. White, lavender edge.
Celeste. Light blue.
Gesneriana. White, bordered lavender-blue.
Sappho. Lavender, lower petals rosy purple.
Souvenir. Old gold and purple.
Teresita. Lavender, lower petals purple.

HARDY PINKS

These pinks are perfectly hardy, and will remain in the open ground all winter without protection. The foliage has a beautiful metallic shade of bluish green. The flowers are in perfection about the last of June, and remain in bloom a long time. They are very desirable for their beauty and fragrance.

Pink, Comet. A fine shade of red, flowers double, clove scented Each, 20 cents; two for 30 cents; dozen $1.50.
Her Majesty. Flowers very large, fringed, very double, and pure white. Fragrance delicious, clove-scented. Long stiff stems support the flowers. A rival of the Carnation. Each, 20 cents; two for 30 cents; dozen, $1.50.
Souvenir de Sale. Flowers a delicate soft rosy pink, being fully as large as a Carnation; beautifully formed, very double, and exceedingly useful for cutting. One of the best Pinks. Each, 20 cents; two for 30 cents; dozen, $1.50.

One each of above three varieties for 40 cents.

Two New Everblooming Hardy Pinks

Remarkable for their free and continuous blooming. They are in bloom from June until November.

Delicata. A soft delicate rose.
White Reserve. A nicely fringed white.

Each 25 cents. One each Delicata and White Reserve for 40 cents.

SHASTA DAISY

A new hardy perennial, which has been obtained by careful selection for a number of years. The plants can be increased by division of the roots, and will thrive in almost any soil, blooming better and more abundantly each season and continuing in bloom for several months. The flowers are pure white, with a bright yellow center, average about four inches in diameter, and are borne on long, stiff, wiry stems. Valuable for cutting, remaining fresh for two weeks or more. Each, 20 cents.

At prices quoted in this Catalogue, we prepay postage or express charges unless otherwise noted.

SILVER RIBBON GRASS

A new ornamental grass; perfectly hardy, much whiter and more attractive in every way than the old-fashioned ribbon grass, as it holds its beautiful color and marking through the entire season and does not run to seed. Grows from 12 to 15 inches high, making it especially desirable for the edgings of beds, walks, etc.; also for lawn vases, window boxes, etc. Each, 20 cents; dozen, $2.00, postage paid; hundred, $15.00, charges not prepaid.

PERENNIAL PHLOX

Our friends who remember the old-fashioned Perennial Phlox of our grandmother's garden would hardly recognize the beautiful varieties grown to-day as bearing any resemblance to them. The improvement has been truly wonderful. Instead of the small, dull-hued flowers of olden times, we now have immense trusses, all bright and showy, the individual flowers three times the size of the old varieties, and the colors ranging from purest white to violet. With Perennial Phlox a show of brilliant flowers can be had from June until November, as they are perpetual bloomers. Perfectly hardy.

Strong field-grown plants, each, 20 cents; per dozen, $2.00.

Coquelicot. Bright scarlet.
Cross of Honor. White, striped with lilac.
Countess de Castries. White, small rosy eye.
Cyrano. Large, perfect flowers; pink, with crimson center.
Eclaireur. Flowers of immense size, carmine, salmon center, rosy white star.
Esclamonde. Rosy lilac, shaded white; large purple center surrounded with white halo.
Fabrihaut Wiesse. Carmine, shaded violet.
Isabey. Orange-salmon, center purplish crimson.
Lothair. Red, crimson eye.
Mascot. Delicate light rose, shading to white. A charming variety. Dwarf.
Obergarter Wittig. Rosy magenta, carmine eye.
Pantheon. Salmon rose.
Richard Wallace. Pure white with distinct violet eye.
Sensation. Lilac pink, white center.
Sportsman. Crimson, purple eye.
Sunset. Large pink flower, with crimson eye. Very free and early-flowering. Good habit. Tall.
The Pearl. The finest pure white variety.
Teddy. Rosy white, with carmine eye, tips of petals sometimes striped with crimson. Fine form and truss.
Triumph. Brilliant pink.
Victor. Deep rose, carmine eye.

PRIMULA VERIS SUPERBA is probably a hybrid Primrose, having the habit of a Polyanthus and the pale yellow color and the fragrance of the English Primrose. The plant is ten to twelve inches in height, is perfectly hardy, and flowers earlier and continues in bloom longer than any other Primula. Each, 20 cents; per dozen, $2.00.

PAPAVER—Poppy. Orientale. The well-known Oriental Poppy. Flowers scarlet. Each, 20 cents.

CHINESE PÆONIAS

The Chinese Pæonias are desirable on account of their large size, fine colors, and profuse blooming. They are perfectly hardy, and will succeed on any ground unless so wet that the water will lie on the surface in the winter and spring. May be planted either in the autumn or spring. Extra fine roots, each, 30 cents; per dozen, $3.00; except as noted.

Active. Rose; flowers large; very compact.
Brujei. Outer petals blush, center white.
Buyckii. Rose, center salmon and rose.
Dr. Bretonneau. Rose.
Duchess de Orleans. Violet-rose; center salmon.
Festiva alba. Pure white. 35 cents.
Fragrans. One of the best pink varieties.
Fulgida. Crimson, large flower. Each, 35 cents.
Limbata. Rose; large and fine.
Lutea rosea. Rose, tinged yellow.
Madame Morren. Outer petals blush, center salmon.
Nivalet. Rose; very fine.
Officinalis rubra. Rich deep crimson, very early, and one of the brightest of the dark-colored varieties.
Perfection. Rose, center salmon, marked purple.
Plenissima rosea superba. Deep rose, tinged salmon.
Queen Victoria. Pure white. Each, 35 cents.
Tenuifolia flore-pleno. Foliage graceful and slender, making a fine contrast when arranged with the double dark crimson flowers, that nearly rival the Rose in delicate perfume, perfection of bloom, and brilliancy of color. Blooms earlier than other varieties. Each, 50 cents; two for 90 cents.
Triomphe du Nord. Violet and rose; large and fine.
Unicolor grandiflora. Rose, center salmon, tinged rose.
Variegata plenissima. Rose and pink shaded.

SIX RARE PÆONIAS.

Festiva Maxima. The finest and largest white in cultivation, perfect form, pure white with a few scarlet flakes in center. Each, 75 cents.
Magnifica. Delicate pink, changing to pure white, very fine. Each, 50 cents.
Madame Calot. Pure white with cream center, very large and full. Each, 50 cents.
Pulcherrima. Very delicate pink changing to pure white; one of the best. Each, 50 cents.
Queen of Perfection. Pure white, large and full. Each, 50 cents.
Umbellatum. Outer petals blush, center yellow. Each, 60 cents.

The set of six sorts for $3.00.

SPIRÆA

Palmata Elegans. A beautiful hardy, free-flowering plant, with sweet scented white flowers and red anthers. Useful for cut flowers, and excellent for the hardy herbaceous border. Each, 20 cents; per dozen, $2.00.
Venusta. A showy red-flowering species, very fragrant. Each, 20 cents; per dozen, $2.00.

STOKESIA CYANEA

Cornflower Aster

One of the most valuable of the native hardy plants, growing from 18 to 24 inches high, and of the easiest culture, succeeding in any open sunny situation. The flowers are borne profusely from July until frost, are of a handsome lavender-blue color, and measure from four to five inches in diameter. The Stokesia is not only desirable as a single plant, but makes a fine effect in beds or masses. In Europe it is grown in large quantities to supply the demand for blue cut flowers in autumn. See page 59 for illustration. Each, 20 cents.

VIOLETS

Flower freely early in the spring. Set plants in spring or autumn. Bloom well in the house if not too hot and dry. Each, 20 cents; dozen, $1.50.

New Giant Single Violet, La France. The flower is a rich violet-blue color, and delicately violet-scented. The plant is of strong, vigorous growth, and free in bloom. Perfectly hardy.
Marie Louise. Double, light blue. Profuse bloomer in early spring and late in fall; easy to force in winter.
California Violet. Strong, vigorous grower, entirely healthy. Flowers large-sized; very prolific; color clear violet-purple, which does not fade; intensely fragrant; single.

TRITOMA PFITZERII

Flame Flower

A grand improvement on the old Tritoma Uvaria grandiflora, or Red Hot Poker. The flower spikes, which are produced with considerably more freedom than in the old variety, are of gigantic size, frequently four and a half feet high, with heads of bloom over twelve inches long, of a rich orange-scarlet, shading to salmon-rose on the edge. Each, 25 cents; dozen, $2.50.

PHLOX SUBULATA. A low growing plant, fine for planting around rockwork. Very showy in early spring with its clouds of beautiful flowers.
The Bride. White, with pink eye. Each, 20 cents.
PENTSTEMON BARBATUS TORREYI. Most useful hardy perennial, blooming from June until autumn, with panicles of brilliant scarlet flowers. Very fine. Each, 20 cents; per dozen, $2.00.
PLATYCODON GRANDIFLORUM. The Chinese Bell-Flower. In bloom the entire season. The flower is bell-shaped, of a deep shade of blue, resembling the Clematis in size and color. Each, 20 cents.

TRITOMA PFITZERII

Vick Quality

HARDY LILIES

Vick Quality

PLANT LILY BULBS eight or nine inches deep. Many fail in this particular, setting the bulbs so near the surface that the frosts of winter almost throw them out of the soil. The Lily throws out roots from the stalk above the bulb, and these serve the double purpose of supplying nutriment to the plant and of bracing and sustaining in position the heavy weight of the blossoms.

The soil for Lilies should be made rich with old, well-decayed manure, thoroughly incorporated with the soil; but fresh dressing must never be used, nor must any come in contact with the bulbs. They should be set on and surrounded by a layer of pure sand. When the ground freezes in the fall, apply a covering of stable litter or leaves, which may be forked in in the spring, thus supplying enrichment to the soil. *For $1.00 at single rates purchasers may select to the amount of $1.25.*

A New Lily
From the Philippine Islands
Lilium Philippense

This new, rare and beautiful lily was brought to this country from the Philippine Islands about a year ago. We tested several bulbs on our trial grounds, and indoors for forcing, and in both cases they proved entirely satisfactory. The plant grows about two feet high, with a delicate, grass-like foliage, and is exceedingly graceful in appearance. The flowers are pure white, resembling Lilium Harrisii, but longer and more slender, the average length being about nine inches, and measuring from six to seven inches in diameter. We were so impressed with the value of this novelty that we decided to give it a place in our list of lilies, believing it to be worthy of mention among "Vick Quality" bulbs. Price, each, 50 cents; dozen, $5.00.

Auratum. The magnificent gold-banded Lily of Japan, freely spotted with crimson-red; sweet-scented. Blooms about July 15th. Large bulbs, each, 20 cents; dozen, $2.00. Extra large bulbs, 30 cents; dozen, $3.00.

Canadense. Our native Lily, flowers drooping, delicate scarlet, yellow throat, spotted black. Blooms July 10th. Each, 15 cents; dozen, $1.25.

Candidum. Common white garden Lily; hardy, free bloomer, fragrant. Ready August 1st. Each, 15 cents; dozen, $1.50.

Elegans atrosanguineum. Very dark red. Blooms July 1st to 15th. Each, 15 cents; dozen, $1.50.

Elegans Batemani. A beautiful Japanese variety; flowers upight, of clear apricot yellow; strong and hardy; should have a place in every garden. Blooms about July 15th. Each, 20 cents; dozen, $2.00.

Elegans. Best Light Red. Light red. Blooms about July 1st. Each, 15 cents; dozen, $1.50.

Elegans incomparable. Blood-red. Blooms July 1st. Each, 15 cents; dozen, $1.50.

Elegans Wallacei. Flowers rich vermilion-orange, spotted maroon. Blooms in the autumn. Fine. Each, 20 cents; dozen, $2.00.

Hansoni. This is a rare early-flowering species, of a beautiful yellow color, petals very thick, dotted with purple. One of the handsomest varieties. Blooms second week in June. Each, 75 cents; dozen, $7.50.

Humboldtii. Orange, spotted claret. Extra fine. Each, 30 cents; dozen, $3.00.

Japonicum longiflorum. White, trumpet-shaped. Blooms about 20th of July. Each, 15 cents; dozen, $1.50.

Leichtlinii. Canary-yellow, spotted red. Very rare. Each, 40 cents; dozen, $4.00.

Leichtlinii Maximowiczii. Salmon-scarlet, with large purple dots. Blooms from August till frost. Each, 20 cents; dozen, $2.00.

Pardalinum. The best of the Canadense class. Yellow and red spotted. Blooms about July 10th. Each, 20 cents; dozen, $2.00.

Parryi. Pure lemon-yellow, long trumpet-shaped flower; very fine. Each, 50 cents; dozen, $5.00.

Speciosum rubrum. White and rose, dark crimson spots. Blooms August 15th. Each, 20 cents; dozen, $2.00.

Speciosum Melpomene. Crimson, spotted with deep blood-red; each petal distinctly bordered with white. Same habit of growth as rubrum. Stems dark and color of flower much deeper. Each, 25 cents; dozen, $2.50.

Speciosum album. White. Blooms August 15th. Each, 20 cents; dozen, $2.00.

Superbum. Yellow and orange-red; drooping. Three to six feet high, bearing from five to twenty flowers. Blooms July 15th. Each, 15 cents; dozen, $1.50.

Tenuifolium. One of the most beautiful and delicate of the early-flowering varieties. Flowers dazzling vermilion-scarlet, suspended from slender graceful stems; they are so bright as to attract attention from a great distance. Blooms about June 1st. Each, 20 cents; dozen, $2.00.

Tigrinum splendens. Improved Tiger Lily. Blooms about August 1st. Each, 15 cents; dozen, $1.50.

Tigrinum fl. pl. Double Tiger Lily. Blooms about August 15th. Each, 15 cents; dozen, $1.50.

LILIUM PHILIPPENSE

LILY OF THE VALLEY

Hardy perennial. Sweet, delicate, and graceful. When planted out of doors set the pips six inches apart and two inches deep in a partially shaded place. For house culture plant in pots, about one inch apart, in moss or sand, and water freely; then set the pots out of doors where they may freeze a day or two; after which bring them in doors, and after thawing, water freely and set in a sunny place in the window. Pips can be ordered in December for house culture, or in spring or fall for garden culture. Pips, half dozen, 25 cents; dozen, 40 cents; fifty, $1.40; hundred, $2.50.

DAY LILIES

The Day Lilies are superb autumn flowers, desirable for planting on the side of a lawn or at the edge of shrubbery.

Funkia alba (White Day Lily). Broad, light green leaves. Flowers large, pure white; fragrant. Each, 20 cents.

Funkia Japonica. Light blue, with narrow foliage. Each, 20 cents.

Funkia undulata media picta. Lavender. Foliage light green, beautifully variegated with white. Each, 25 cents.

Yellow Day Lily (Hemerocallis flava). A fine hardy plant, producing an abundance of large, golden yellow flowers. Sometimes called Lemon Lily. Each, 20 cents.

The above four sorts for 70 cents.

Golden Day Lily (Hemerocallis aurantiaca major). One of our finest hardy herbaceous plants. Foliage deep green; the flower spikes are strong, flowers very large, some seven to eight inches across, of a rich orange-yellow. Each, 40 cents; two for 70 cents.

Hardy Shrubs and Climbers

Uick Quality

HYDRANGEA
PANICULATA GRANDIFLORA

One of the finest hardy shrubs in cultivation. The flower trusses are immense heads from nine to twelve inches in length, and nearly as broad. Color purest white, afterward changing to deep pink as the season advances. It blooms in July, at a time when no other shrub is in flower, and remains beautiful until destroyed by frost. Hardy as a lilac bush. The plants we offer will all bloom the first season. Prices according to size. First size, each, 50 cents; two for 80 cents. Second size, each, 25 cents; three for 60 cents.

HARDY AZALEAS

Azalea Pontica (Ghent Azalea). This lovely class of plants is entirely hardy and will thrive in any good garden. Our collection contains the finest varieties grown, and cannot be surpassed for the varied richness of their colors. As the shrubs are too large to send by mail, we offer them free by express at $1.25 each; dozen, $12.00.

Azalea mollis. This splendid species from Japan brings an abundance of very large and beautiful flowers very early in the spring, and is one of our most gorgeous flowering shrubs. The bright flowers of various colors are borne in clusters before the leaves appear in May. Free by express. Each, $1.25; dozen, $12.00.

KERRIA JAPONICA

Japan Globe Flower. A graceful dwarf shrub, bearing double yellow flowers the entire season.

Argentea variegata. A dwarf variety, with small green foliage edged with white. Flowers single, yellow.

Each, 25 cents; the set of two for 40 cents.

SPIRÆA

Spiræa arguta. Dwarf. Flowers clear white and freely produced. The best very early-flowering white Spiræa.

Anthony Waterer. New Crimson Spiræa. The most valuable hardy ornamental shrub recently introduced. Grows from twelve to fifteen inches high, in a compact, bushy form. It is a perpetual bloomer, bearing large clusters of bright crimson flowers all through the season. A valuable plant for bedding and borders.

Billardi. Flowers rose-colored, in terminal spike-like panicles, produced nearly all summer.

Billardi alba. Similar to Billardi; flowers white.

Bumalda. Half Dwarf. Flowers deep rose.

Douglasi. Four or five feet high. Flowers rose-colored.

Prunifolia flore-pleno. Double plum-leaved Spiræa. The popular variety commonly called Bridal Wreath.

Van Houttei. A vigorous plant that sends up numerous tall, slender shoots, which curve gracefully, and the last of May or in June are literally covered with pure white flowers, making the bush a mass of bloom.

Each, 25 cents; set of elght, $1.75.

HYACINTH TREE

Zanthoceras sorbifolia. A valuable hardy shrub. If better known would be in every garden. From five to eight feet in height. Blooms early in spring. Flowers bell-shaped, one inch broad, in clusters about eight inches long, resembling those of the Horse Chestnut as well as those of the Hyacinth, completely covering the plant. Petals crumpled, white, marked with yellow, changing to purple at the base. Foliage light green. Each, 60 cents.

SNOWBALL

Japanese Snowball (Viburnum plicatum). The bush is of lower and more compact growth than the old Snowball, and better furnished with foliage. The flowers are somewhat larger than those of the common form and of a purer white; remain longer in good condition. Each, 30 cents.

Viburnum Opulus sterilis. The well-known Snowball. Produces large clusters of snow-white flowers in May. Each, 25 cents.

TAMARIX

Hardy shrub, with very graceful and handsome feathery foliage. The plant flowers so freely that in the early summer it is one mass of pink bloom, completely hiding the foliage. Invaluable for planting by the seaside, where very few plants will grow. Each, 30 cents; dozen, $3.00.

ALTHEA. Rose of Sharon. Beautiful erect-growing shrubs, of the easiest culture, bearing large, showy flowers early in the fall. Very desirable because of flowering when few other shrubs are in bloom; and unsurpassed by anything in the Hardy Shrub line. Double Red, Double White, and Single White, each, 30 cents.

BERBERIS THUNBERGII. A handsome low-growing form of Barberry of Japanese origin. Foliage abundant, leaves small, obovate; flowers reddish; berries bright crimson. In autumn the leaves turn a bright red and make a great display. A beautiful plant for the lawn or the front of the shrubbery, or for a low-growing ornamental hedge. Each, 25 cents.

CALIFORNIA PRIVET. A strong, vigorous, hardy plant. The best plant known for hedges. May be trimmed to any form, is nearly evergreen, thornless. A fast grower, and without the objectionable features of other hedge plants. Fine habit and foliage. Three-year plants, two and a half to three feet bigh, $6.00 per 100, $55 per 1000, express not prepaid. Two-year plants, fifteen inches high, $4.00 per 100, $35 per 1000, express not prepaid.

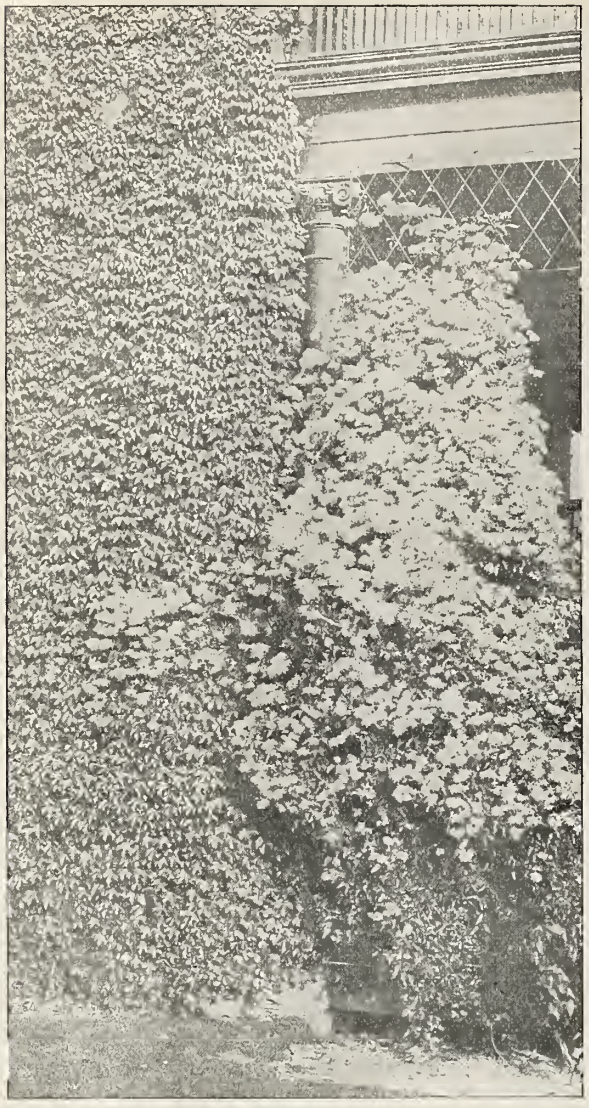
CALYCANTHUS FLORIDUS. Sweet-Scented Shrub. Also known as Carolina All-Spice. Height six to eight feet; handsome foliage; leaves and young wood aromatic; flowers about one inch in diameter, dark purple or chocolate. Strong plants, each, 25 cents.

LILAC. Purple. The old Purple variety. Each, 25 cents.
White. The old White variety Each, 25 cents.

PURPLE FRINGE. Smoke Tree. A spreading shrub, completely covered in summer with large, feathery, purplish panicles, having the appearance of clouds of smoke. Each, 25 cents.

SYRINGA GRANDIFLORA. Flowers pure white, fragrant. A very popular shrub. Each, 25 cents.

CALIFORNIA PRIVET



AMPELOPSIS VEITCHII AND CLEMATIS PANICULATA

AMPELOPSIS

Veitchii (Japanese or Boston Ivy.) This hardy variety clings firmly to the side of a house or wall, and will soon form a perfect mass of foliage. The leaves overlap with wonderful regularity. In autumn this beautiful climber assumes its greatest beauty, changing until it is a glowing mass of the brightest shades of crimson, scarlet, and orange. Hardy. Strong vines, 25 cents; two for 40 cents; dozen, $2.00.

Quinquefolia, or Virginia Creeper. Sometimes called American Ivy and Woodbine. A rapid grower. Foliage crimson in autumn. Each, 20 cents.

AKEBIA QUINATA. A Japanese, hardy, climbing plant, with purplish flowers, purplish mottled berries and handsome compound leaves composed of five leaflets. An interesting plant. Each 25 cents.

CHINESE MATRIMONY VINE. A vigorous and hardy climber. Flowers bright purple, succeeded by scarlet berries nearly one inch long. Excellent for trellises. Each, 25 cents; two for 40 cents.

JASMINE. Jasminum grandiflorum. A favorite greenhouse climber or house-plant everywhere; one of the sweetest of flowers. Foliage fine; flowers white, star-shaped and very fragrant, blooming from November till May. Easy of culture. Tender climber. Each, 20 cents.

CLEMATIS

The Clematis is the favorite climber of the world. It makes a rapid growth, producing its showy flowers in great profusion. In the fall give the plants a good top-dressing of well-rotted manure. The following spring spade it in carefully, mixing well with the soil, and it will prove very beneficial. Hardy.

Henryi. Fine large cream-white flowers. The best white variety. A strong grower, and very hardy; a perpetual bloomer. Each, 50 cents.

Jackmanni. Flowers large, intense violet-purple; produced in great profusion; blossoms from four to six inches in diameter. The most beautiful hardy climber in cultivation. Each, 40 cents.

Madame Edouard Andre. A valuable new variety; distinct new color; fine bright crimson, with no purplish shade about it. Large flowers, borne so profusely that it is called Crimson Jackmanni. Each, 40 cents.

Paniculata. A remarkably beautiful climbing plant. Flowers pure white, star-shaped, about one inch in diameter, borne very freely in large clusters; will last several days as cut flowers; retaining their freshness and fragrance. The plant is a strong, quick grower. One of the most desirable and useful of climbing plants. Each, 25 cents; two for 40 cents.

The Set of four Clematis for $1.30.

HONEYSUCKLE

The different varieties of Honeysuckle are esteemed among the most desirable hardy climbers. They grow with great freedom in any good garden soil. Hall's Japan Honeysuckle is remarkable for the persistency of its leaves, the foliage usually remaining green and apparently perfect long after severe freezing weather. On this account it is very desirable to train over a porch.

Hall's. An evergreen variety from Japan. Flowers pure white, changing to yellow. Very fragrant. Each, 25 cents.

IPOMŒA—Moonflower

Ipomœa Bona Nox. Offered under various names, such as Good Night, Evening Glory, and the like. It is a beautiful, vigorous climber, producing large, pure white, sweet-scented flowers at night and on dull, cloudy days. To keep over winter, the plant must be cut back, the roots potted, and kept in a growing condition. Tender climber. Each, 20 cents; dozen, $2.00.

Ipomœa Leari (Blue Moonflower). A splendid companion to plant with Ipomœa Bona Nox. Flowers six inches across, of intense violet-blue, with reddish purple rays. Tender climber. Each, 20 cents; per dozen, $2.00.

One plant each of Ipomœa Bona Nox and Leari for 30 cents.

MADEIRA VINE

A beautiful tender climber, covering a large space in a short time. Fleshy, light green, heart-shaped leaves, and numerous racemes of feathery white flowers of delicious fragrance. Plant the tubers about the 15th of February in a small box, give them plenty of water, and keep them in a warm place; on sunny days set the boxes out of doors. As soon as danger of frost is over, set them in the open ground. Tubers, each, 5 cents; per dozen, 50 cents.

NASTURTIUM—Double

Golden Wonder. One of the finest plants grown for covering rockeries or trellises. The color is a bright golden yellow, with a dash of scarlet in the center of each petal. Flowers perfectly double, and borne in great numbers throughout the whole year. Tender. Each, 20 cents.

Sunbeam. A strong, vigorous, climbing vine, resembling the common Nasturtium in habit and foliage. The flowers are one or two inches in diameter, perfectly double like Roses, and borne in great profusion all through the season. The color is a beautiful shade of bright orange-red. Tender. Each, 20 cents.

One plant of each of the two varieties for 30 cents.

WISTARIA SINENSIS

The Chinese Wistaria is a strong, rapid grower, desirable for trellises, porches, etc. When well established it blooms profusely. The light purple flowers are very showy, and are produced in long racemes. A large plant in bloom is a beautiful sight. Perfectly hardy. Extra strong roots, 30 cents.

IVY. German or Parlor. An old favorite for hanging baskets and vases. Tender. Each, 15 cents.

English. The old popular variety. Hardy. Each, 20 cents; two for 30 cents; two-year old plants, each 40 cents.

MANETTIA VINE. Manettia bicolor. A beautiful twining plant, flowers from one to two inches in length, of the most intense fiery scarlet, with bright yellow tip. As a pot plant to train on a trellis it is unrivaled. In the open ground it succeeds admirably. Tender. Each, 20 cents; two for 30 cts.

PERENNIAL PEA. Flowers pink, in clusters. Hardy. Each, 15 cents; two for 25 cents.

SMILAX. A popular and well-known climber. Foliage of a dark glossy green, used largely with cut flowers, wreaths, etc. Excellent for parlor or window culture. Tender. Each, 15 cents; dozen $1.50.

TRUMPET VINE. Tecoma radicans. A fine, hardy, climbing plant, producing clusters of large, trumpet-shaped, orange-scarlet flowers about three inches long. The foliage is also very beautiful. This plant on the lawn makes a pretty bush if the tops are cut back. Each 25 cents.

ROSE, FRAU KARL DRUSCHKI

HARDY ROSES

The flowers of the Hybrid Perpetual class are generally large, double, and very fragrant; and being perfectly hardy, these Roses may be planted out in the open ground and left all winter without any protection, and will for years continue to yield an immense crop of flowers in June, and many of them will bloom freely throughout the season. If you wish to have flowers constantly in bloom, you must feed them well to bring them to perfection; they must have a very rich soil if you wish them to do their best. Do not let them suffer for want of water during the growing season; this is a matter of great importance.

Strong 1-year field grown, each 25 cents; per dozen, $2.50
Strong 2-year field grown, each 40 cents; per dozen, $4.00
Except where noted.

American Beauty. One of the largest and most beautiful of the hardy Roses. Flowers very large and double, and delightfully fragrant. Color a rich rosy crimson. Plant a strong grower and continuous bloomer. It will make a much stronger growth if not allowed to bloom the first summer. Pinch off the larger portion of the buds,—better, all of them. This will not be necessary the second season, as the plant will then be strong enough to make both growth and bloom. We offer two sizes of plants:
Young plants, from 2½-inch pots, each, 20 cents; two for 35 cents; Extra strong plants, each, 50 cents; two for 80 cents.
These latter are larger and better than any before grown by us. The demand for this Rose is so great that we thought something extra would find purchasers. It is the most popular variety in America to-day.

Anna de Diesbach (Glory of Paris). Brilliant crimson; long pointed buds; large, finely-formed, compact flowers; very sweet; free bloomer. Valuable for forcing, and a superior garden sort.

Baron de Bonstetten. A splendid shade of dark red, changing to velvety maroon. 2-year plants only.

Caroline Marniesse. There is not a week from late in May till the middle or latter part of October that large quantities of blossoms cannot be picked from these plants. Growth low and somewhat spreading, making it especially valuable for the borders of beds, also very effective for massing in any position. The flowers are pure (or slightly creamy) white, of medium size, very double, and sweetly tea-scented.

Coquette des Alps. White, sometimes tinged with pink; flowers in clusters.

Coquette des Blanches. Pure white, sometimes delicately tinged with pink

Clio. Flowers large, of fine globular form; flesh-color, shaded in center with rosy pink. Vigorous grower and handsome foliage. One of the finest new Roses. 2-year plants only. 50 cents each.

Francois Levet. Cherry-red; flowers of large size, well formed; very free bloomer and of vigorous growth. An excellent Rose.

Gen. Jacqueminot. Rich crimson-scarlet, very bright and velvety. It produces beautiful buds that are much admired, and in great demand.

John Keynes. Dark velvety-crimson. Plant very sturdy and compact. A free and prolific bloomer.

La France. Silvery rose, changing to pink; beautiful both in flower and bud. A most constant bloomer. 2-year plants only.

La Reine. A beautiful, clear, bright rose; full form; very fragrant.

Madame Plantier (Hyb. China). Summer bloomer; pure white.

Marchioness of Lorne. Remarkable for its continuous and free-blooming qualities; strong grower and free from disease. Flowers extremely fragrant, and of a rich, shining rose, shaded vivid carmine. The finest of its color.

Marchioness of Londonderry. A white, free-flowering Hybrid Perpetual. Flowers of great size, measuring five inches across, perfectly formed and carried on long stems; color very white; petals of great substance, shell-shaped and reflexed. Highly perfumed. Growth vigorous and foliage very handsome. One of the finest. 2-year only. 50 cents each.

Magna Charta. A general favorite, prized on account of its strong, upright growth and bright healthy foliage, as well as for its magnificent bloom. The color is a beautiful bright pink, suffused with carmine.

Margaret Dickson. Distinctively a garden Rose, and the best white Hybrid Perpetual; combining the sterling qualities of entire hardiness, very vigorous growth, and repeated blooming, with the fragrance, beauty of form, and waxy texture of the finest Tea Roses. The flower is of magnificent form and very large. In color it is the most beautiful waxy-white, shining with almost the luster of a pearl. 2-year only.

Mrs. John Laing. Delicate pink; large, fine form; very fragrant. Flowers continuously in the open ground. 2-year only.

Mrs. R. G. Sharman Crawford. Deep rosy pink, outer petals shaded pale flesh; white at base. Strong growth; continuous bloomer. 2-year only.

Pæonia. Bright clear red; very sweet; one of the finest.

Paul Neyron. Probably the largest Rose in cultivation, and one of the best bloomers. Color a bright shining pink, clear and beautiful. The plant is an exceptionally strong grower, often making shoots four to five feet in one season, each shoot bearing an immense flower. A rose we highly recommend.

Prince Camille de Rohan. Rich, dark, velvety crimson, shading to maroon; very double and sweet.

Ulrich Bruner. Brilliant cherry-red; fine form and finish. Plant vigorous and hardy. One of the best.

Vick's Caprice. Flowers large, soft satiny pink, distinctly striped and dashed with white and carmine. It is beautiful in the bud form, being long and pointed, showing the stripes to great advantage. Blooms continuously through the summer. Desirable for cutting.

Ideal Rose Collection

Many of our customers have but small space to devote to Roses, and are therefore anxious to purchase only the choicest varieties and colors. With this object in view we have selected the following eight fine varieties. Descriptions will be found in the Hardy Rose list.

Persian Yellow.	Coquette des Blanches.
Ulrich Brunner.	Gen. Jacqueminot.
Baron de Bonstetten.	Margaret Dickson.
Crimson Rambler.	La France.

Eight 2-year plants, $3.00.

Beauty Collection of Hardy Roses

Magna Charta.	Francois Levet.
Paul Neyron.	Prince Camille de Rohan.
Coquette des Alpes.	La Reine.
Anne de Diesbach.	Mrs. John Laing.

Eight strong 2-year plants, $3.00.

Favorite Collection of Hardy Roses

Caroline Marniesse	La Reine
Coquette des Blanches	Madame Plantier
Francois Levet	Magna Charta
John Keynes	Pæonia

Eight strong 2-year plants, $2.50.

ROSE, BABY RAMBLER

Three Rare and Choice Roses

Baby Rambler, or Dwarf Crimson Rambler

Madame Norbert Levavasseur

This beautiful novelty produces clusters of flowers as large as the old Crimson Rambler. The color is a charming brilliant red, and it blooms with great profusion. This rose blooms all summer, and is bound to be the most popular bedding Rose ever sent out. As a pot Rose it has no equal, as it is a continuous bloomer. **Strong young pot plants, 25 cents each; one-year old field-grown plants, 75 cents each.**

Killarney

A grand new Hybrid Tea Rose, perfectly hardy and a perpetual bloomer. The color is a bright sparkling pink; flowers very large, and the buds long and pointed. **Two-year plants, 60 cents each.**

Frau Karl Druschki

A new hardy Rose and a grand variety. The flowers are large and full; buds long; color a pure white. The plant is a very vigorous grower and produces flowers throughout the entire season. **Two-year plants, 50 cts. each.**

Best Hardy Everblooming Rose

Kaiserin Augusta Victoria

Pearly white, softly tinted with lemon in center; fragrant. A strong, healthy grower, with bold, beautiful foliage. Particularly hardy, and one of the most beautiful Roses in cultivation.

Each, 15 cents; per dozen, $1.50.
Strong plants, 50 cents; per dozen, $5.00.

New Hardy Everblooming Rose

Gruss an Teplitz

Color a rich scarlet, shading to velvety crimson; very fragrant; a free, strong grower, and the most profuse bloomer known to us, blooming continually, and covered with flowers the whole season. The mass of color produced is truly phenomenal, and the foliage extremely beautiful, all the younger growth being of a bronzy plum-color. **Each, 15 cents; per dozen, $1.50.**

CLIMBING ROSES

The hardy Climbing Roses grow with great rapidity, and will cover an old building or wall in a very short time. They bloom after the Hybrid Perpetuals, and produce their flowers abundantly in large clusters.

One-year plants, 25 cents each; per dozen, $2.50; Two-year plants, 40 cents each, or two for 75 cents.

Baltimore Belle. Pale blush, nearly white.

Queen of the Prairies. Rosy red. Fine.

Everblooming Climbers

Each, 15 cents; the set for 60 cents.

America. Fawn-colored flowers; buds beautiful; very strong grower.

Empress of China. The best of the large-flowering varieties. Flowers bright pink. After the plants have become established, it blooms continuously throughout the summer. Hardy. One of the best.

James Sprunt. Flowers deep cherry-red, medium-sized and full, very double and sweet. A strong grower and profuse bloomer.

Mary Washington. Flowers pure white, of medium size, perfectly double, and borne on long stems. Fragrance tinged with a musky odor. Rapid, vigorous grower. Hardy. Perpetual bloomer.

Climbing White Pet. Very rapid climber, making a wonderful growth, often ten to fifteen feet the first year. Blooms profusely. Flowers pure white, of medium size, very double, ever-blooming, and fragrant. Hardy. Bound to become a great favorite.

Splendid New Climbing Rose

Dorothy Perkins

A hybrid of Rosa Wichuraiana and Mme. Gabriel Luizet. In its foliage, growth, and habit of blooming, it is remarkably like Crimson Rambler, but the flowers are more double and of a beautiful shell-pink color, and hold a long time without fading. The flowers are also very sweetly scented, a characteristic not possessed by most other Roses of the Rambler family.

Strong young plants, each, 25 cents; per dozen, $2.50.
Two-year plants, each, 40 cents; per dozen, $4.00.

The Rambler Roses

The Ramblers have grown in favor so rapidly and are so well known that it is not necessary to devote space to a long description of these wonderfully beautiful and useful hardy climbers. They are suitable for training on walls, verandas, trellises, arbors, and pillars, and as specimen pot plants for winter forcing. The flowers are well formed and, though small, are produced in so great profusion as to present an immense mass of bloom. Many of our customers report that single plants when in bloom showed thousands of flowers.

Crimson. White. Yellow. Pink.
Each, 15 cents; set of four for 50 cents.
Two-year plants, each 40 cents; set of four for $1.50.

Helene, the New Climbing Rose

A seedling from Crimson Rambler. It is of very robust growth, throwing up canes ten to fifteen feet high in a single season. The color is a pure soft violet-rose, almost blush; base of petals yellowish. The buds are carmine, finely ciliated or mossed, and are borne in clusters of from twenty-five to fifty. Perfectly hardy.

Two-year plants, each, 40 cents; per dozen, $4.00.

Philadelphia Rambler

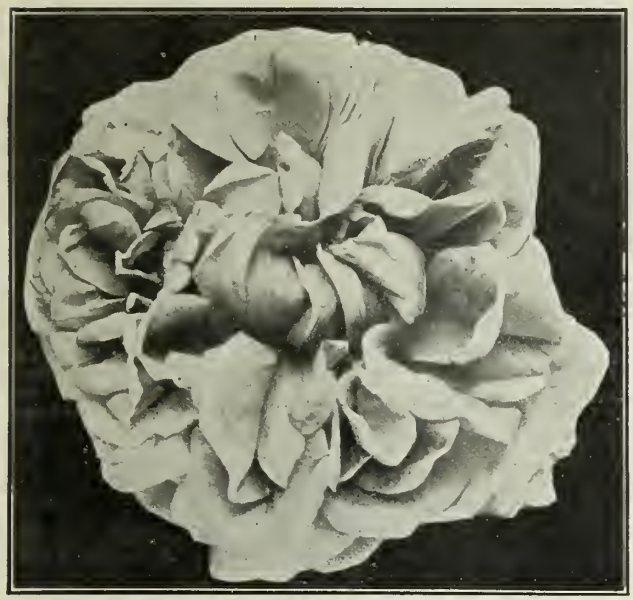
This Rose is a cross between the popular Crimson Rambler and the fiery crimson Hybrid Perpetual Victor Hugo, and is identical with the Crimson Rambler except that the color is a brighter crimson, and never fades; is a valuable acquisition to the list of climbing Roses.

One-year plants, each, 25 cents; per dozen, $2.50.

Climbing Clothilde Soupert

This grand new hardy everblooming Rose is undoubtedly one of the most beautiful and satisfactory of all the hardy ever-blooming climbing Roses yet introduced. The flowers are similar to the well-known Clothilde Soupert, borne in clusters, and are of very large size. Color beautiful creamy-white, deepening in the center to a clear bright pink, and sometimes both red and white Roses are borne on the same bush.

Strong young plants, each 15 cents; per dozen, $1.50.
Extra strong plants, from 4-inch pots, each 40 cents; per dozen, $4.00.



New Hardy Yellow Rose
Soliel d'Or

Soliel d'Or is a cross between Persian Yellow and Antoine Ducher. It retains a good deal of the character of Persian Yellow, the bark and wood being reddish, the thorns very fine, the foliage more ample, and the leaves, of a beautiful clear green, are closer together. This magnificent variety is perfectly hardy, robust, and vigorous, making a growth of about three feet in height. The buds are conical-shaped, of a lovely hue, the flower when expanded being well incurved and about three and a half inches in diameter. Superb in color, varying from gold and orange-yellow to reddish gold, shaded with nasturtium-red.

Strong plants, each 50 cents; per dozen, $5.00.

Persian Yellow

The Rose of our mother's gardens, and one that should be in every garden to-day. In the craze for new varieties many of the fine old sorts are neglected for those of more recent introduction, and in many instances they are inferior to the old standard varieties. Flowers nearly double, borne in immense clusters. Color a deep golden yellow. The plants are a perfect mass of flowers in June.

Strong, 2-year plants, each, 50 cents; dozen, $5.00.

Polyantha Roses

Each, 15 cents; per dozen, $1.50.

Clothilde Soupert. Flowers of medium size, double, and beautifully formed, oval at first, but flattening as they expand; the color is pearly white at the outer edge, shading to a center of rosy pink, sometimes varying to nearly pure white. Very fragrant. Constant bloomer.

Madame Cecil Brunner. Plant of dwarf growth, excellent for bordering beds. Color salmon-rose on a yellow ground. This Rose is very fragrant.

White Soupert. Pure white, full and double flowers; fragrant.

Yellow Soupert. Flowers very double, bell-shaped, and open like a Camellia. Petals tinted white on a beautiful light yellow ground, extending to middle of petals. Plant dwarf and free-flowering.

Hermosa Set of Bedding Roses

15 cents each; set of four, 50 cents.

The old favorite Hermosa has long been held in high esteem. We offer four Roses of the Hermosa type. They are among the best bedders, and produce their flowers abundantly all summer.

Crimson Hermosa (Queen's Scarlet). Flowers large, and of a fiery scarlet, a color seldom seen in Roses. One of the very best red Roses for bedding.

Pink Hermosa. One of the best known of all Roses grown. Perfectly hardy, and as free-flowering as a Geranium. It combines everything most desirable in a Rose except fragrance. The color is a pleasing shade of pink.

White Hermosa (Marie Lambert). Resembles the Pink Hermosa in form and freedom of bloom. Valuable as a bedding or pot variety. Pure white.

Yellow Hermosa (Coquette de Lyon). A most charming yellow Rose, a free grower, and has elegant buds. Very prolific bloomer. Canary-yellow.

MOSS ROSES

The peculiarities of the Moss Roses are the delicate prickles which crowd their stems, and the beautiful mossy covering of their opening buds. They are strong, vigorous growers, and are perfectly hardy.

One-year plants, each, 25 cents; per dozen, $2.50; two-year plants, each, 40 cents; per dozen $4.00.

Comtesse de Murinais. Flowers white, sometimes tinged with flesh-color; large, double, cupped; buds heavily mossed. One of the best Moss Roses.

Henri Martin. A magnificent Moss Rose. Extra large, and perfectly double. Color a deep rosy carmine, shaded a bright crimson.

Madame de la Rochelambert. Color a rich, glossy pink, tinged crimson.

Princess Adelaide. Pale rose. Good in the bud and flower. Foliage dark.

White Bath. The extra large, full, very double flowers, of the purest snowy white, come in large clusters, and are delightfully perfumed.

Cumberland Belle

A grand true Climbing Moss Rose. A sport from that pretty Moss Rose, Princess Adelaide. Fully equals in vigor of growth the Crimson Rambler and other rampant growers. In color it is a bright silvery rose, very double, the buds nicely mossed and exquisitely fragrant.

Strong plants, each, 25 cents; per dozen, $2.50.

MONTHLY ROSES

Dozens of flowers can be cut from a bed of Monthly Roses every day, from June to November. To be successful with Monthly Everblooming Roses, you must have rich soil for them to grow in. Old, well-rotted manure, is the best fertilizer; a bright, sunny location; and in hot, dry weather, a good thorough soaking with water each day; and you will have plenty of delightfully fragrant flowers.

Fine strong plants, 15 cents each; $1.50 per dozen.

Small capitals are as follows to indicate classes: T, Tea; H. T. Hybrid Tea; C. China; B. Bourbon; N. Noisette.

Bon Silene. Rich crimson shade, beautifully tinged with salmon. T.

Bridesmaid. An improved Catharine Mermet. Clear delicate pink, with large, handsome pointed buds on long stiff stems. T.

Catherine Mermet. One of the finest varieties, with buds of the largest size and handsomest form; fragrant; petals gracefully recurved, so as to show a lovely bright pink center, shading to a very light pink. T.

Duchess de Brabant. Bright rose, with coppery-yellow center.

Francisca Kruger. Flowers large, coppery yellow, shaded with peach. T.

Madame Camille. Soft rosy pink. T.

Maman Cochet. Deep rosy pink, the inner side of petals silvery rose. T.

Marechal Neil. Yellow, tea-scented. T.

Marie Guillot. White, tinted with pale yellow; large, full, and of fine shape. T.

Mary Washington. Large, double, snow-white Rose, constantly blooming, very fragrant, and with an agreeable musky odor. N.

Meteor. The deepest glowing crimson; flower of medium size, very double, petals slightly recurving. Best rich red Rose. H. T.

Palo Alto. New. Chamois-rose, tinted golden yellow and creamy white. T.

Papa Gontier. Brilliant carmine, changing to pale rose; reverse of petals purplish red. Popular on account of the size and form of its buds. T.

Perle des Jardins. Rich shade of yellow; very perfect in form. Free grower and very profuse bloomer. Extra fine. T.

Rainbow. Deep pink, striped with crimson and toned with rich amber; very fragrant. Of strong growth; free-flowering habit. T.

Souvenir du President Carnot. Tea Rose of strong growth. Flower large, double, and exquisitely shaped, deliciously fragrant; color, rosy blush, darker at center. Very fine bloomer. Quite hardy.

The Bride. A sport from Catherine Mermet and identical therewith except in color. Flowers large, pure white, borne on long, stiff stems, very fragrant. T.

White Maman Cochet. This grand new Tea Rose is a sport from Maman Cochet. Flower extremely large, round and full; a pure white. T.

The Bouquet Set of Brilliant Everblooming Roses

Each, 15 cents. The Set of six varieties for 75 cents.

Baron Berge. A soft lemon-white at base of petals, finely tinted rose at outer edges. The buds and open flowers are large and beautifully shaded.

La Princess Vera. Rich ivory-white, shaded with coppery yellow, veined with pale blush and carmine.

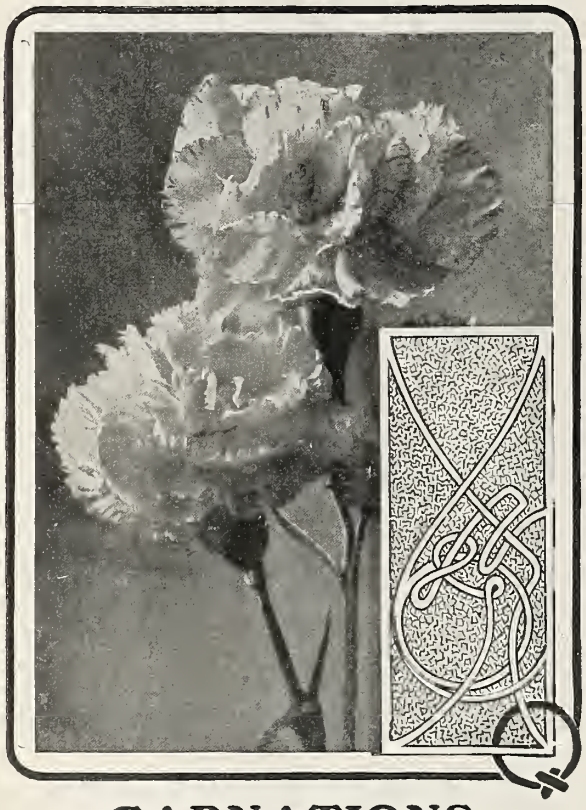
Marion Dingee. One of the best dark-colored, early-blooming bedding Roses. Flowers of good size, perfect cup-shaped, and borne in profusion. Color deep crimson, changing to carmine in the mature flower.

Princess de Sagan. The richest crimson Rose in our collection; indeed it is unmatched in its velvety richness; could well be termed the "Velvet Rose"

Princess Bonnie. One of the finest dark-colored Tea Roses. The color is a solid crimson. A great favorite.

Sylph. Delicate pink; flowers large with a high center and deep stiff petals.

UNDER the heading of Tender Bulbs and Plants, we offer a choice collection of Bedding and Pot Plants, summer Flowering Bulbs and Tubers. In Bedding and Pot Plants we offer the most popular, those which grow thriftily and bloom profusely and continuously. We must not forget to mention the Chrysanthemum, truly called the Queen of Autumn. Here also you will find the brilliant Tuberous Begonias, showy Cannas, beautiful Dahlias, stately Gladiolus, and the sweet-scented Tuberose. It must be left to the judgment of purchasers to select such Bulbs and Plants as they have space for, and time to attend to. There are many other interesting plants that we might mention, but to notice them all and describe their merits would require a volume. What is more beautiful than a sunny window full of thrifty plants, even though they be only Geraniums or other plants of easy culture. Plants make the home brighter and more cheerful, and their culture is both interesting and instructive. When making out your seed order, do not neglect to add to it a few plants to brighten up the home.



CARNATIONS

The delicately rich and grateful odor, in connection with the beautiful colors and perfect outline of the Carnation, secures for it a prominent place in all collections of plants, either for the house or garden. It is one of the sweetest of flowers, and yields an abundance of bloom all summer. The plants may be potted in September, watered and shaded a few days, and they will bloom all winter, in a bright sunny window. Our list embraces a large assortment of colors, and the best of the standard varieties.

Each, 15 cents; three for 35 cents; seven for 70 cents; unless otherwise noted. The set of eighteen for $1.50.

American Flag. Regularly striped with scarlet and pure white.
Boston Market. Pure white. A marvel for early and continuous blooming.
Eldorado. Beautiful shade of yellow.
Enchantress. Delicate shade of shell-pink, deepening towards the center; very large flower.
Flora Hill. A grand white variety, with flowers of enormous size.
Francis Joost. Bright pink; early and free.
G. H. Crane. A model scarlet Carnation. Flowers produced on stiff stems sixteen to eighteen inches in length. An early and continuous bloomer.
Genevieve Lord. Flowers unusually large, three to four inches in diameter, of perfect form, and never burst. They are of a beautiful shade of pink, and are borne on very long stiff stems.
Harlowarden. Large flower of bright crimson, with scarlet shadings.
Lady Bountiful. Pure glistening white.
Morning Glory. Very light pink.
Mrs. Thomas W. Lawson. Immense size—from three to four inches in diameter—long, strong stems. Bright cerise-pink, lighting up beautifully under artificial light.
Prosperity. Blooming qualities marvelous; ground color white, overlaid with pink in mottles to the center.
Peru. Pure white. A fine variety and easy to grow.
Red Jacket. A strong, robust grower; color brilliant scarlet.
The Queen. Pure white; flowers very large.
The Marquis. The flowers average three inches in diameter; color a bright, clear, exquisite shade of soft rich pink. Stem very strong.
William Scott. In color it is a clear, delicate, rosy pink.

Five New Carnations

Cardinal. Brilliant bright scarlet; flowers perfect and very large.
Dorothy Whitney. Deep yellow, with faint markings of light pink.
Fiancee. Clear bright pink; flowers of immense size.
Mrs. M. A. Patten. Pure white, beautifully marked with cerise pink.
Variegated Lawson. Identical in habit and growth with Mrs Thomas W. Lawson. Color, pure white, striped and marked pink.

Each, 25 cents; the set of five for $1.00.

ASPARAGUS

Sprengeri. One of the most rapid-growing plants that we know of, making great masses of fine feathery foliage in a very short time. The stems grow several feet in length, and are valuable for use in cut-flower work. Fine for hanging baskets or large pots. As a house plant it has no superior, as it withstands the indoor temperature well. Each, 20 cents; two for 30 cents.

Plumosus nanus, or Lace Fern. Beautiful on account of its light feathery growth, which very much resembles lace. The graceful dark green foliage surpasses the Maiden Hair Fern in delicacy of texture. Splendid as a pot plant and for decorative purposes. Each, 20 cents; two for 30 cents.

BEGONIA REX—*The* King of Begonias

The Rex varieties are very effective as pot plants. Care should be taken to keep the foliage free from dust. Occasionally the plants may be showered, but should not be exposed to the sun until the leaves are perfectly dry. We have several distinct varieties of the Rex Begonia.

Each, 25 cents; set of three for 60 cents.

HELIOTROPE

Prized for its fragrance. It is a favorite with everyone. Heliotropes require a sunny location, as they do not do well when grown in the shade. Very desirable for house culture, a single plant filling a whole room with perfume.

Each, 25 cents; three for 35 cents; dozen, $1.25.

Lady Cook. Dark violet. **Madame de Blonay.** Pure white.

FEVERFEW. Little Gem. A dwarf variety; growing from eight to twelve inches high. Flowers large, and of the purest white. Each 15 cents; dozen, $1.25.

CANNAS

FOR a brilliant show all summer there is no plant excelling the Canna; it even surpasses the Geranium in its gorgeous display of brilliant colors, blooming continuously from the time of planting until cut down by frost. For window boxes, or grown as specimens for the porch, they are unsurpassed.

Five New and Rare Cannas

Each, 20 cents; per dozen, $1.75; set of five, 75 cents.

Cinnabar. Cinnabar red, distinctly marked with golden yellow.

James H. Veitch. Flowers very large; color a rich bright carmine scarlet; foliage bronze.

Jean Tissot. Intense vermilion with bright orange shadings; massive green foliage.

President Meyer. Remarkably prolific bloomer. Both flowers and trusses are of immense size; the flowers are of a pleasing, rich cherry-carmine; foliage bronze.

Rubin. Flowers not large, but of an intensely rich, glowing carmine, which, combined with its dark bronze-green foliage, makes it a grand bedder.

The Best of the Standard Varieties

Each, 15 cents; dozen, $1.50; except where noted.

Alphonse Bouvier. On first opening the flowers are intense brilliant crimson, but change to a beautiful deep crimson as they more fully expand, and produce spikes of enormous flowers in wonderful profusion.

Black Beauty. The darkest and most handsome colored foliage of any of the Cannas. A rare and magnificent variety. Rich glowing crimson flowers. Each, 25 cents; dozen, $2.25.

Beaute Poitevine. Bright crimson, with erect flower-spikes. Blooms early and continuously. An ideal Canna for bedding.

Brandywine. Dark bronze leaves; the flowers an intense vinous red, beautifully dappled with deep crimson.

Chas. Henderson. Brilliant crimson flowers, contrasting finely with the deep green foliage.

David Harum. The best of all dark bronze Cannas. Strong, robust grower, and one of the freest-blooming varieties. Flowers of large size, with well-rounded petals of good substance. Color bright vermilion-scarlet, dotted with crimson spots.

Egandale. Still considered by many to be the best of its class. The foliage is of a rich purple, with strong, compact flower spikes, of a fine currant-red color. One of the most showy bedding Cannas. Four and one-half feet

Florence Vaughan. Flowers well-opened and of the most brilliant golden-yellow, dotted with brightest scarlet, and produced in continuous succession. Four feet high.

J. D. Cabos. Height four feet. Color of flower light orange; good-sized trusses, borne fairly well above the foliage. One of the freest bloomers among bronze Cannas. Foliage deep bronze-purple. A valuable sort.

Mlle. Berat. The nearest approach to a pink in a first-class bedder; foliage green; four feet.

Madame Crozy. The plants commence to bloom when scarcely a foot in height, and when the plant reaches its natural height, which is about four feet, it is crowned with a blazing array of beautiful crimson-scarlet and gold-bordered flowers. The foliage is bright green, broad and massive.

President Faivre. Flowers amaranth-red; foliage bronze. A strong, erect grower, especially adapted to massing and as centers of beds. Six feet high.

Queen Charlotte. Strong, compact grower, with green foliage. Flowers are large, with broad petals. The center of the petal is a brilliant crimson-scarlet, shaded with crimson and bordered with a wide belt of gold. Three feet high.

Robusta. A very fine, tall-growing, dark-leaved variety, eight to ten feet high.

The Burlington. Foliage green; flowers clear orange-scarlet.

Orchid-Flowered Cannas

Each, 15 cents; set of three for 35 cents.

Alemannia. These gigantic flowers are the largest grown on Cannas. They are a fine yellow, beautifully mottled with orange-scarlet. On the inside of the blooms the color is nearly a scarlet, sometimes reaching to the edge of the petals. Outside of the petal is yellow. Height of plant about five feet.

Burbank. Flowers very large, equal to Italia; rich canary-yellow, spreading seven inches; will continue to bloom a week after cutting. A strong grower; four feet high, with wide, rich green leaves.

Italia. Flowers enormous, spreading seven inches; the center a brilliant red, with a wide irregular band of clear yellow on outer edge. Its handsome foliage is deep green, bordered with white. About three feet high.

Canna Beds

Many of our customers write us in regard to the number of Cannas that it requires to fill a bed of certain dimensions. In answer to this question we offer the following suggestions: *Plant Cannas about 18 inches apart each way; the tall varieties for the center of bed, and the dwarf growers for the border.*

For a round bed 7 feet in diameter it will take 19 plants.
For a round bed 10 feet in diameter it will take 37 plants.
For a round bed 13 feet in diameter it will take 61 plants.

For a **7-foot bed** we will send postpaid **19 plants** in three different varieties, for **$2.25.**

For a **10-foot bed** we will send postpaid **37 plants** in four different varieties, for **$4.00.**

For a **13-foot bed** we will send postpaid, or free by express, **61 plants** in five different varieties, for **$6.50.**

FUCHSIA

No class of plants are more graceful and elegant than the Fuchsias. The striking contrast of their colors,—white, carmine, rose, and purple,—renders them perfectly charming. **Each 15 cents; dozen, $1.50.**

Avalanche. Corolla violet; sepals crimson.

Black Prince. Corolla redish rose; sepals carmine.

Bouquet. Flowers of beautiful form; sepals a clear coral color; corolla blue.

Gigantea. The tube and sepals carmine; corolla magenta.

Little Beauty. Tube and sepals bright red; corolla rich purple.

Molesworth. Sepals red, nicely recurved; corolla pure white. Very large.

Mrs. E. G. Hill. The most perfect double white Fuchsia yet introduced. Tube and sepals bright reddish crimson.

Mary. A decided novelty and a profuse bloomer. The drooping flowers, over two inches long, are a brilliant crimson-scarlet, and stand out prominently against the dark green foliage. A fine addition to the winter garden.

Victor Hugo. Flowers large, very double; sepals bright crimson; the center or corolla violet-purple, marbled with red. A unique and beautiful flower.

HYDRANGEA

Hardy south of Philadelphia, but are grown at the north as pot plants. Their immense heads of bloom make them very conspicuous. A little shade and plenty of water seems to meet all their needs. Put in the cellar in the fall. For decorative plants on a piazza or porch they produce a fine effect.

Each 15 cents; the set of two for 25 cents.

Jeanne d'Arc. New, a sport from the old favorite Thomas Hogg, having dark reddish brown stems like Red-Branched. Foliage and flowers much larger and more vigorous than either. Flowers pure white, very effective against the dark green foliage.

New Red-Branched (Ramulis-coccineis). The smallest plants bear immense trusses of bloom. The branches are of a dark red color, brightening to a clear crimson near the flower heads, which are a beautiful shade of deep rose.

CHRYSANTHEMUMS

WHO does not admire the "Queen of Autumn," the handsomest of all autumnal flowers, and easily cultivated in almost any soil? In warm seasons it flowers well in October and November in the open ground. But a good way is to cultivate the plants in the garden, with plenty of room, in good, rich soil, until the first of September, when they may be safely transferred to pots. Give a thorough watering and set in a shady place for a few days, after which they may be exposed to the full light.

Each, 15 cents; dozen, $1.25; set of eighteen for $1.75

Alice Byron. A magnificent snow-white variety.
Adrian. A very closely incurved Jap., exceedingly striking in appearance. Creamy white. Its perfect contour, closely incurved petals, large size, and high rounded center, are certain to meet general approval.
Col. D. Appleton. A grand yellow, incurved, of enormous size. Early.
Ivory. Dwarf. Free-flowering, snow-white, incurved, very large, perfect form.
J. K. Shaw. Large incurved flowers of a beautiful shade of pink.
Marie Liger. An extra large, globular, Japanese variety, with broad petals, deepening to a rosy lavender at the base of the petals; stem and foliage perfect.
Mrs. Elmer D. Smith. An immense Japanese incurve of perfect form; full, double, high rounded center. Color, intense yellow.
Mrs. Jerome Jones. Waxy white; good stem and perfect foliage.
Mrs. W. B. Chamberlain. Outer petals drooping, center incurving, forming a bloom of large size. The color is a lovely shade of pink, very distinct.
Maud Dean. Extra large flowers, petals broad, incurved; color light rose.
Nagoya. Very large Japanese; golden yellow.
Pink Ivory. Beautiful shell-pink. A sport from White Ivory.
Red Warrior. Large; broad, flat petals of deep rich chestnut red.
Timothy Eaton. The largest globular Japanese variety yet raised; color creamy white.
Wm. H. Chadwick. Immense striking bloom of waxy-white.
Wm. Duckham. A sensational variety; flowers of the largest size; color pink; very fine.
Willowbrook. An early white Japanese variety; flowers of good substance. This is the best early white variety grown.
Yanoma. Very large, pure white. The latest of all Chrysanthemums.

Hardy Pompon Chrysanthemums

These are the very best of all Chrysanthemums for planting out of doors, and also very desirable for growing as pot plants, being dwarf, compact growers, and free bloomers. They are perfectly hardy, blooming before severe frosts will hurt the flowers.

Each, 15 cents; dozen, $1.25; set of eighteen for $1.75.

Ada. Deep, clear yellow; small, but a pretty and interesting flower.
Amelia. Blush-pink.
Anna Mary. Creamy white, tipped pink.
Crimson Ball. Beautiful deep crimson.
Delicatissima. Center deep wine color, outer petals delicate pink.
Drin Drin. Smallest; bright orange.
Druid Hill. Light mahogany-crimson.
Edna. White, with pink shadings and yellow center; good size and nice form.
Fairy Queen. Beautiful combination of pink and yellow.
Gold Finch. Golden bronze.
Gold Standard. Deep golden yellow.
Julia Lagravere. Crimson-maroon.
Maid of Honor. Blush white.
Pink Beauty. Fine pink and white.
Prince of Wales. Pure white.
Soeur Melanie. Dwarf; pure white.
St. Illoria. Silvery pink.
Tissi. Pink, golden yellow center.

OTAHEITE ORANGE

The great beauty, novelty, and popularity of this plant is indeed wonderful. It blooms most freely during winter, though it is likely to bloom at any and all times of year. With one or two pots of it anyone can raise an abundance of delicate and fragrant orange blossoms. It is a dwarf orange, which grows, blooms, and fruits freely in pots. Fruit about one-half the size of ordinary oranges. Strong plants, each, 20 cents; extra strong plants, each, 35 cents.

OLEANDER. Splendens variegata. Large, double, pink flowers, produced early in the season; glossy green leaves with a broad margin of creamy white. Each, 25 cents; two for 40 cents.
Double Pink. The old variety. Each, 15 cents.

CHRYSANTHEMUM, MRS. W. B. CHAMBERLAIN

NEW PARIS DAISY or MARGUERITE
Queen Alexandra

Large pure white flowers from two and a half to three inches in diameter. The same plant produces single, semi-double and full double flowers. A very fine novelty. Each, 20 cents; two for 35 cents.

FERNS FOR DECORATION

Ferns cannot be dispensed with in elaborate decorations for the parlor. A single plant of the Dwarf Boston Fern is as useful in producing a graceful effect as any plant we know of. In planting a fernery do not crowd them, but give them room for the development of the fronds; their growth is rapid, and many varieties soon double their original size. Be your own florist and fill your fern dishes at home. Five of the best and hardiest varieties are sufficient to fill a fern dish eight inches in diameter.

Each, 15 cents; the set of six for 75 cents.

Adiantum cuneatum. The popular Maiden-Hair Fern.
Onychium Japonicum. A graceful Fern, with finely cut foliage.
Aspidium Tsussimense. A pretty species with dark green foliage.
Pteris Cretica albo-lineata. A pretty and useful variegated variety; leaves green and white.
Pteris tremula. A standard variety, with handsome fronds of a deep green color.
Peteris Wimsetti. Fine for fern pans and house culture; finely crested.

The New Dwarf Boston Fern, Nephrolepis Scotti

A very dwarf and compact form of the Boston Fern. The fronds are short and narrow, of a graceful recurving form. Plants of small size make nice specimens in a short time. For house culture we recommend it as a plant that will please all, and one of the best that we offer this season. Strong young plants each, 20 cents; dozen, $2.00; larger plants, 50 cents and 75 cents each.

New Ostrich Feather Fern, Nephrolepis Barrowsii

This beautiful fern may be described as a dwarf form of Nephrolepis Piersoni. The leaves are wide and the decided feathery appearance of the plant is very striking. A wonderful variety and should be in every collection. Each, 30 cents; two for 50 cents.

Nephrolepis Piersoni. The fronds are a rich green in color, and are more finely cut and divided than are those of the Boston Fern. It is a free and quick grower, and succeeds admirably as a house plant. Each, 20 cents.

Boston Drooping Fern

One of the most satisfactory of decorative plants for house culture. The handsome green fronds attain a length of four to five feet, and droop so gracefully over on every side that it is often called the Fountain Plant. It always has a fresh, healthy appearance, and is very attractive. Fine plants, each, 20 cents; dozen, $2.00; extra large plants, 75 cents.

One fine plant each of Boston Drooping Fern and Nephrolepis Scotti, for 30 cents.

GERANIUMS

THE improvement in the Geranium, both in the size of the individual flower and the truss, is wonderful when compared with the flower of a dozen years ago. Many of the single flowers are larger than a silver dollar, and the trusses are immense balls of living color; while in color we find from the purest white to delicate rose, brilliant scarlet, richest crimson, and many other shades. The foliage varieties are also much improved. The bronze-leaf, with its margin of gold, zoned with chocolate and crimson, are very fine. The ivy-leaved section also shows great improvement, the flowers being equal in size and color to the best double and single Geraniums of the ordinary type.

Plants, each, 15 cents; three for 40 cents; six for 80 cents; twelve for $1.50; except where noted.

SINGLE.

Aurora Boreale. Orange scarlet; very large tress.
Baronne de Scalibert. Salmon, white eye.
Bandalaire. Clear rose, white center, dotted with crimson. 25 cents.
Gen. Galliene. Intense crimson.
General Grant. Scarlet. This old sort still retains popularity as a bedder.
George Sand. Pure white, dotted with carmine. 25 cents.
Jumbo. Very fine scarlet.
Marguerite de Layre. A fine, strong, free grower; pure white flowers.
M. P. Morlan. Large flower; bright rosy salmon, white center.
Queen of the Whites Improved. Pure white.

DOUBLE.

Bruant. Vermilion-scarlet. Splendid bedder.
Beaute Poitevine. One of the finest of the semi-doubles. Trusses of bloom and individual flowers of immense size and fine shape. The color is a bright salmon-pink, delicately shaded and tinted from deep orange to pure salmon.
Centaur. A fine double pink.
Countess de Harcourt. Pure snow-white.
Double General Grant. Scarlet; fine bedder.
La Pilot. Very dark scarlet.
La Favorite. The best pure white.
Madame Jaulin. Center of flower delicate pink, bordered with pure white. For beauty this is unrivaled by any bedding sort; also valuable for pot culture.
Madame la Comtesse de Baume. A charming bright pink; fine large bloom.
Madame Landrey. Clear salmon, center shading to copper, with white eye.
Madame Buchner. Double; snow-white. A strong grower.
S. A. Nutt. Double. Brilliant deep blood-red, with maroon shadings. Rather tall; vigorous grower. Truss large. One of the finest bloomers.
Sunset. Color a rich glowing salmon.

DOUBLE IVY-LEAF.

This class has thick, glossy, Ivy-shaped leaves. The plants are drooping in habit, and excellent for baskets, vases, and house plants; not undesirable for lawn beds.

Jeanne d'Arc. White, suffused with lavender. Double.
Leopard. The flowers are large, semi-double, and borne in medium-sized trusses. The color is remarkable, being fully as rich as that of an orchid—a clear lilac-pink, the upper petals being heavily blotched with deep crimson, and marked with maroon dots. The plant is a strong and vigorous grower, and blooms abundantly.
Souvenir de Chas. Turner. Double; deep pink, maroon in upper petals.

SWEET-SCENTED.

Dr. Livingstone. Leaves finely divided, very fragrant.
Rose. This is the most desirable of the scented varieties.

BRONZE.

The leaves of the Bronze Geraniums show the most beautiful shades of yellow or brownish red, the foliage being as handsome as the flowers.

Black Douglas. Flowers salmon. Foliage golden yellow; red zone.
Magician. Leaf green and yellow, chocolate zone. Flowers double, scarlet.

LARGE-FRUITED LEMON

Ponderosa

A true ever-bearing variety. On a plant six feet high no less than eighty-nine of these ponderous lemons were growing at one time. The tree was blooming, and at the same time had fruit in all stages of development, from the size of a pea up to the ripe fruit. Fruit weighing over four pounds had been taken from this tree. The lemons have very thin rind for such large fruit. It is the juiciest of all lemons, makes delicious lemonade, and for culinary purposes cannot be excelled. It fruits when quite small, and makes a lovely house plant. Thrifty young plants, each, 25 cents; two for 40 cents.

GERANIUM, BEAUTE POITEVINE

PALMS

First size, eighteen to twenty inches high; second size, eight to twelve inches high; third size, strong young plants from three-inch pots.

Sent by Mail or Express, charges prepaid, at prices quoted.

Kentia Belmoreana. Graceful arching leaves, with long, terete, shining, yellowish-brown petioles; divisions of the leaves, twenty to thirty in number, strap-shaped, deep green in color. This palm will stand a great deal of ill-usage and maintain a good appearance. First size, $1.25; second size, 85 cents; third size, 35 cents.
Kentia Forsteriana. The beautiful "Thatch Palm," similar to the last, but the petioles are a brighter green and the leaf divisions narrower, more delicate and graceful. A handsome Palm for table decoration. First size, $1.25; second size, 85 cents; third size, 35 cents.
Latania Borbonica. Has fan-shaped leaves, split into divisions at the apex, and frequently there are threads hanging between the divisions. A strong, vigororous plant, and makes a fine appearance in the window, or in contrast with other plants. First size, $1.15; second size, 50 cts.; third size, 25 cts.

PRIMROSE

Mexican Primrose. A charming plant, which in freedom of bloom excels all others. Flowers almost three inches in diameter, cup-shaped; color bright pink, with scarlet veins and large, showy white center. A plant of easy culture. Each, 15 cents; two for 25 cents.
Primula obconica grandiflora. Perpetual blooming, bearing large trusses of flowers on long stems well above the foliage. Color pale lilac, shading to white. Requires cool temperature. Of easy culture. Each, 15 cents.

BABY PRIMROSE

Primula Forbesi. Needs but little care. It forms a dense rosette of fleshy leaves, from which spring the flower stems about twelve inches tall; delicate rosy-lilac flowers produced in great abundance. Each, 15 cents; two for 25 cents.

LEMON VERBENA

Or Sweet Verbena, is a favorite on account of its lemon-scented foliage and lilac-tinted flowers. Each, 15 cents; two for 25 cents.

SILK OAK

Grevillea robusta. A beautiful plant for decorative purposes; of quick growth and very easy culture. The leaves are a light bronze color, the tips being covered with a soft down resembling raw silk, from which it derives the name of "Silk Oak." For the house it is unsurpassed. Each, 20 cts.; two for 30 cts.

SALVIA

Each, 15 cents; the set of two for 25 cents.

Splendens. The well-known Scarlet Sage. A splendid flowering plant with plumes of dazzling scarlet flowers.
Silverspot. The most distinctive feature of this beautiful plant is its strikingly handsome foliage. The leaves are rich, soft, dark green, with light sulphur or cream-colored spots of various sizes liberally sprinkled over them.

UMBRELLA PALM

Cyperus alternifolius. A beautiful, easily-grown plant, that is admirably adapted to many different modes of culture. It makes a very showy plant for pot culture, is one of the best for ferneries, while for the aquarium it is without an equal. Each, 15 cents; three for 30 cents.

TWO USEFUL HERBS

English Lavender. Each, 15 cents; two for 25 cents.
Mammoth Broad-Leaved Sage. Each, 15 cents; two for 25 cents.

RUBBER PLANT

Ficus elastica. This is certainly one of the best plants grown for table or house decoration. It succeeds well with ordinary treatment. The glossy green leaves seem especially formed to resist the dirt and gas to which plants in dwelling houses are exposed. Strong plants, each, 50 cents; larger plants, 75 cents, and $1.00 each.

WATER HYACINTH. Floats on water by means of curious inflated leaves; plant in glass vessel, pail or tub. Strong blooming plants, each, 20 cts.

SINGLE AND DOUBLE TUBEROUS BEGONIAS

AMARYLLIS

The Amaryllis produces showy flowers that are handsome and very attractive, resembling Lilies. The bulbs should be potted in a rich, sandy loam, with good drainage. They require abundant moisture when growing, but at their season of rest water should be given sparingly.

Fragrans. Flowers three to four inches long; yellow; fragrant; stalks 15 to 18 inches high. Each, 10 cents.
Regine (Equestre). One of the best of the Amaryllis family for winter-blooming. Flowers large, bell-shaped; color light scarlet, throat or center white. Each, 15 cents.
Johnsoni. An elegant pot plant, with crimson flowers five inches in diameter, each petal striped with white. Flower-stalks two feet high, with clusters of three to five blooms. Each, 50 cents.
Formosissima (Jacobean Lily). Eight to ten inches high. Flowers dark crimson. The bulbs are dormant during the winter. Each, 15 cents.
Lutea. Flowers yellow, cup-shaped; free bloomer; very desirable. Each, 15 cents.
Atamasco alba. Flowers upright, with broad petals, pure white. Each, 10 cts.

CALADIUM

Fancy-Foliaged. The fancy-foliaged varieties are very satisfactory for summer decoration. Leaves striped, blotched, and spotted with white, crimson, and pink; in fact, the variety of color is something wonderful. In the fall they die down, and the bulbs should be kept in the pots in a warm place. Each, 20 cents; dozen, $2.00.

Esculentum—Elephant's Ear. One of the handsomest of the ornamental-leaved plants. Roots obtained in the spring will make good plants in the summer, and in the fall they should be taken up and stored in the cellar. Leaves three feet or more in length, nearly as broad. There is nothing so good as this Caladium for a grand bed of foliage in the garden. Large-sized bulbs, each, 25 cents; dozen, $2.50. Medium-sized bulbs, each, 15 cents; dozen, $1.50.

CINNAMON VINE. A very pretty running vine, with flowers of cinnamon fragrance. Hardy. Each, 15 cents; two for 25 cents.

TUBEROUS BEGONIAS

No class of plants has so marvelously improved in the past few years as the Tuberous Begonias. Persons familiar with the old sorts of Begonias would scarcely recognize this section as belonging to the Begonia family; for, in addition to the marvelous beauty of the flowers, the foliage has been greatly improved, and one will hardly find any two plants with the same kind of leaves. The flowers are brilliant and large, handsomely formed, and of wonderful size, often measuring from four to six inches in diameter. The plants bloom freely all summer, and are fine either as pot or bedding plants, being easily raised and requiring but little attention. They succeed best in a partially shaded situation, but should be protected from severe winds if possible. After the blooming season is over the tubers are dried and either left in the pots or placed in dry sand and kept until the spring, to be started again in February or March.

Double—White, Crimson, Scarlet, Rose, and Yellow; each, 20 cents; two for 30 cents; five for 60 cents; dozen, $1.20.
Single—White, Crimson, Scarlet, Rose, and Yellow; each, 10 cents; three for 25 cents; dozen, 75 cents. The set of five for 40 cents.
Bearded Begonia (B. grandiflora erecta cristata). This curious strain of Begonia has single flowers, of good size, bearing on each petal a dense crest or beard composed of curiously twisted threads, which gives the flower a gay and puzzling aspect. Highly interesting. Mixed colors; each, 25 cents; dozen, $2.50.

CALLA

Richardia Africana. The well-known large white-flowering Callas are winter-blooming bulbs, and should be potted in the fall. We will accept orders for strong dormant bulbs for September delivery. Each, 15 cents; dozen, $1.50.
Little Gem. A dwarf variety of the old Calla, ten to twelve inches high; free bloomer. Each, 15 cents; two for 25 cents.
Alba maculata, or Spotted Calla. Beautiful for pot culture. The foliage is marked in the same manner as that of the Yellow Calla. The bulbs must be kept in dry sand in the winter. Each, 10 cents; dozen, $1.00.
Yellow Calla (Richardia Elliottiana). This plant, like the Common White Calla, is a native of Africa. In mode of growth it is quite like the African or Egyptian Calla, but its leaves are marked with pure white spots. The flowers are nearly as large as those of Richardia Africana, but more urn-shaped, and the color is a rich canary-yellow. Its usual blooming time is late in the spring, and the culture of the plant very much the same as that of the White Calla. Each, $1.00.
Black Calla. A remarkable variety, flowers large, velvety, purplish black, with coal-black spathe. Each, 30 cents; dozen, $3.00.

GLOXINIA

Gloxinias are among the handsomest of our summer-blooming greenhouse plants. The flowers are gorgeous, and the foliage has a velvety appearance. Bulbs should be started in spring in a warm place. They require partial shade and a liberal supply of water when growing. After blooming, water should be withheld and the bulbs remain dry through the winter.

Red, White, Blue, and Spotted. Each, 15 cents; two for 25 cents; four for 40 cents.

MONTBRETIA

The Montbretias are among the brightest and best of our summer-flowering plants, and no garden should be without them. The bulbs, planted in groups six inches apart, throw up large spikes of star-shaped flowers of a rich orange and red color. The spikes are from twenty to thirty inches high. They flower freely the first season.

Crocosmiæflora. Deep golden orange, dotted with purple. Three for 10 cts.; dozen, 25 cents; $1.75 per 100.

OXALIS

Free-blooming bulbs, fine for pots, vases, or for edging walks and beds. Plant three inches apart. Dozen, 15 cents; hundred, $1.00; by mail prepaid.
Lasiandra. Rosy crimson. **Tetraphylla.** (Deppei). Rosy lilac.

TUBEROSE

The Tuberose is a beautiful, pure white, wax-like, very sweet-scented, double flower, growing on tall stems, each stem bearing a dozen or more flowers. Our Tuberoses are all first sized, and splendid bulbs.

New Dwarf Tuberose Pearl. Each, 5 cts.; six for 25 cts.; dozen, 50 cts.

GLADIOLUS, "1900"

GLADIOLUS

There are no other summer-flowering bulbs so satisfactory, needing so little attention and thriving so well in almost any ordinary soil as the Gladiolus Our list is a selection of the cream of hundreds of varieties which are grown on our own farm, under our own supervision, and this year are unusually fine and large. Set the bulbs from three to six inches apart in rows, or for massing six inches apart, and about four inches deep. Plant from middle of April to first of June. In the fall, before hard frosts, take up the bulbs, remove the tops, and dry in the air for a few days; and store in some cool dry place, secure from frost until spring.

Varieties quoted at 5 cents each, 50 cents per dozen.

"	"	10 cts.	"	$1.00	"	"
"	"	15 cts.	"	$1.50	"	"
"	"	20 cts.	"	$2.00	"	"

Addison. Dark amaranth, with white stripes. Each, 10 cents.

Angele. White; showy and effective. Each, 15 cents.

Augusta. Fine white, with small violet stripes in throat; blue anthers. Each, 25 cents.

Bajazet. Dazzling scarlet, streaked profusely with blood-red, center violet-brown. Very rich. Each, 25 cents.

Brenchleyensis. Vermilion-scarlet. Fine old variety; very vigorous and a free bloomer. Each, 5 cents.

Ceres. White, marbled and striped with rose and purple. Each, 5 cents.

Eugene Scribe. Flowers large and wide, rose, blazed with carmine-red. Each, 10 cents.

Isaac Buchanan. Fine yellow. Each, 10 cents.

May. Pure white, flaked bright rosy crimson. Fine spike. Each, 10 cents.

Madame Monneret. Delicate rose, carmine blotch. Each, 5 cents.

Napoleon III. Bright scarlet, white line in each petal. Each, 5 cents.

Octoroon. Beautiful salmon-pink. Very distinct. Each, 15 cents.

Princeps. A grand new variety. Grows from 3 to 4 feet high. Color rich crimson, with intense shadings in the throat and broad white blotches on the lower petals. Flowers from 4 to 6 inches across, with well rounded petals. Each, 50 cents; dozen, $5.00.

"1900." This Gladiolus was originated in the vicinity of Rochester by one of our largest growers, and named by him "1900." It is an exceptionally strong grower, throwing from two to four flowering stalks from each bulb. Color a deep scarlet, the lower petals almost pure white, throat blotched with violet-purple. The illustration shows the style of marking. It is quite distinct and beautiful. Each, 10 cents; dozen, $1.00.

New Seedling Gladioli Groff's Hybrids

The originator of this magnificent strain spent fifteen years in hybridizing, selecting, and breeding from various species, to secure vigor of plant, freedom of bloom, size and form of flower, substance of petal, and brilliancy and permanency of color; and the results he has obtained are wonderful, for never before were such magnificent flowers seen among Gladioli. The plants are larger, heavier, and more robust in every way, than any other strain; while the flowers grow to an immense size, often measuring six and seven inches across. In coloring they are unequaled; every tint heretofore known in Gladioli is represented, and many new ones also, especially among the blue, lilac, and heliotrope shades. They are the finest Gladioli ever produced, and we advise all our friends to give them a trial. Our stock was secured from the originator, and we can guarantee it to be true.

Groff's Mixed Hybrids. All shades, in grand mixture. Each, 5 cents; dozen, 50 cents; 100, $3.00; charges prepaid.

Groff's New Red Hybrids. All shades of red, scarlet, and crimson. Each, 10 cents; dozen, 70 cents; 100, $4.50.

Groff's Selected Red Hybrids. Special selections. Each, 20 cents; dozen, $1.75; 100, $12.00.

Groff's New Light Hybrids. All shades of white, cream, and yellow in many combinations, stained and blotched with rich colors. Each, 10 cents; dozen, 85 cents; 100, $6.00.

Groff's Selected Light Hybrids. The choicest and most beautiful of the light colors. Each, 20 cents; dozen, $2.00; 100, $14.00.

Groff's New Blue Hybrids. Includes all the shades of clematis, lilac, and heliotrope; a beautiful strain. Each, 10 cents; dozen, $1.00; 100, $7.00.

Groff's Selected Blue Hybrids. The rarest and most beautiful of the blue shades. Each, 30 cents; dozen, $3.00; 100, $20.00.

Vick's Named Mixture

This is a mixture of over 150 named varieties, to which we are adding every year. They comprise every class, and will furnish a profusion of bloom from July till frost. Many of these varieties cost us several times as much as we offer the mixed at. Each, 10 cents; dozen, $1.00; hundred, $7.00; charges prepaid.

First Quality Mixed. Seedlings of all colors in fine assortment. Each, 5 cents; dozen, 35 cents; hundred, $2.50; charges prepaid.

Choice Mixed Seedlings. Dozen, 25 cents; twenty-five for 50 cents; hundred, $1.50; charges prepaid.

Light and White. All shades. Dozen for 40 cents; hundred, $2.50; charges prepaid.

Red and Scarlet. All shades. Dozen, 30 cents; hundred, $2.00; postpaid.

TIGRIDIA

Tigridias are beautiful flowers, delicate as orchids, and showing wonderful blendings of colors. Plant bulbs in May and give the same care as to Gladiolus for winter.

Conchiflora. Yellow and orange, with dark spots. Each, 5 cents; dozen, 40 cents.

Grandiflora alba. A beautiful variety, with large showy white flowers, marked at the base of each division with spots of a reddish brown color on yellow ground. Each, 5 cents; dozen, 40 cents.

Grandiflora lilacea. Beautiful large flower, lilac, purple, and white spots in center. Each, 5 cents; dozen 40 cents.

New Giant Hybrids. A beautiful large-flowering strain in a great variety of colors. Each, 10 cents; dozen, $1.00.

WATER LILIES—Nymphæas

Nymphæas can be grown in any swampy piece of ground, and even in tubs of water sunk in the ground, or on the surface, and in aquariums in the house, with soil or mud at the bottom. For ponds, if a soft, muddy bottom, tie the root to a stone to sink it, and drop it in near the shore in two or three feet of water.

Nymphæa odorata. Common white Water Lily, very fragrant. Each, 20 cents; dozen, $2.00.

Odorata rosea (Cape Cod Pink.) The choicest of all pink varieties. It is a most satisfactory plant to grow, on account of its profusion of bloom all summer and being as hardy as an oak. Each, 50 cents.

Alba candidissima. The large-flowering variety of Europe. Whenever an abundance of bloom is desired it has no equal. The flowers often measure ten inches across; petals very broad, rounded at the point, and waxy white. Perfectly hardy anywhere. Each, 50 cents.

Alba Gladstoniana. The finest white Nymphæa ever offered. Large, strong grower; blooms abundantly from spring till frost. The flowers are of the largest size—from six to eight inches across—with broad, thick, pure, sparkling white petals. Each, 50 cents.

Marliacea chromatella. Flowers eight inches across, are delightfully fragrant, and freely produced. Both stamens and petals are a beautiful lemon-yellow at their bases, exquisitely softening into light creamy yellow at their tips. Leaves dark green, irregularly blotched with brown. Each, 50 cents.

The set of five for $2.25.

Vick Quality

VICK'S 1906 DAHLIAS

Vick Quality

NO flowers are easier to grow, or respond more readily to care and attention, than Dahlias; but three things are of prime importance: a moderately rich soil, sunshine, and water. Plant about May 1st, covering the tubers three inches deep. If many shoots start up, thin them out to one or two. When the plant is six inches high, cut it off above the second joint. This will cause it to throw out four branches, making a strong, bushy plant, which will withstand winds and produce flowers freely. Cultivate well until they begin blooming; after that, stir only the surface soil, and then just enough to prevent a crust from forming. After the tops have been killed by frost, cut them off about six inches above the surface; take up the roots, and lay them on the side for a few days to dry out; store them in a cool, slightly damp, dark cellar till spring, when they can be divided for planting.

The small capital following the name of each variety designates the class to which it belongs, as follows: S: **Show**, round, ball-shaped flowers. D: **Decorative**, intermediate between Show and Cactus. C: **Cactus**, large, loosely-formed flowers, with irregular, twisted or reflexed petals. SN: **Single**. F: **Fancy**, striped, mottled, pencilled, or tipped. P: **Pompon**, small ball-shaped flowers. Sometimes the letters are used in combination.

Apple Blossoms. (S) A very pretty new variety that combines all the shades found in the apple blossoms. Fine. 25 cents each; $2.50 per dozen.

Alpha. (C) Beautiful. Color pure white, spotted and penciled deep pink and crimson. 25 cents each; $2.50 per dozen

Arachne. (F. C.) A remarkable flower; center of each petal pure white, edged its entire length with bright crimson. 25 cents each; $2.50 per dozen.

Blue Oban. (D) Extra large, free blooming variety. Color a lavender blue, without traces of any other color or shade. 25 cents each; $2.50 per dozen.

Dr. Gates. (C) A beautiful shade of sea-shell pink, shading to blush at the base of the petals. Strong stem, holding its flowers well above the foliage. 20 cents each; $2.00 per dozen.

Eleganta. (P) Flowers soft pink, tipped deep pink. 25 cts. each; $2.50 dozen.

Eureka. (D) Very large, regularly-formed, long-stemmed flowers, of a deep rose color, with a full high center. The plant is dwarf, of branching habit; very early. A perfect variety. 25 cents each; $2.50 per dozen.

Frank L. Bassett. (D) The nearest approach to a blue Dahlia. Color, bright royal purple, shading to blue. Dwarf, branching habit; profuse bloomer. Flowers large, and full to the center. 30 cents each; $3.00 per dozen.

Geisheler. (C) Entirely distinct. Flowers medium size, resembling a quilled Chrysanthemum. Color rosy crimson. 35 cents each; $3.50 per dozen.

Grand Duke Alexis. (S) Magnificent Dahlia. Flowers of mammoth size, borne on strong stems. Petals beautifully quilled; color pure white, delicately tinted at tips of petals with light lavender. 25 cents each; $2.50 per dozen.

Iridescent. (D) Color orange-red, overlaid and edged pure blue; very profuse bloomer. 25 cents each; $2.50 per dozen.

J. H. Roach. (C) A beautiful clear, light yellow flower, of perfect form; with long, incurved, and twisted petals. Plant vigorous and bushy. 20 cents each; $2.00 per dozen.

Kreimhilde. (C) A pure Cactus variety, and one of the finest in cultivation. It is a strong, vigorous grower, branches freely, and produces quantities of beautiful long-stemmed flowers, measuring four and five inches in diameter. The coloring is exquisite, shading from a rich yellowish ivory at the center through a beautiful soft pink to clear ivory tips. In our opinion this is the finest cactus variety we have. 35 cents each; $3.50 per dozen.

Lawrence Kramer. (SN) Strong grower; long, wiry stems. Flowers of perfectly rounded form; deep, clear, rosy pink. 30 cents each; $3.00 per dozen.

Lyndhurst. (D) One of the best bright scarlets, brighter and clearer than the well-known Wm. Agnew; has large, perfectly-formed flowers, borne on long stems, making it valuable for cutting. 25 cents each; $2.50 per dozen.

Mars. (C) Bright rich scarlet of a dazzling shade. 35 cts. each: $3.50 dozen.

Mrs. Dexter. (S) Very large; a rich shade of salmon. 35 cts. each; $3.50 doz

Mrs. H. J. Jones. (C) A beautitul Fancy Cactus. Color crimson with broad stripes of white through center. 25 cents each; $2.50 per dozen.

Mrs. Roosevelt. (S) Flowers large, double. Color delicate pink, shading to soft clear pink. 25 cents each; $2.50 per dozen.

Olympia. (F. D.) Immense flowers, with full high center. Color deep rose-pink, striped and penciled with rich crimson. 35 cents each; $3.50 per dozen.

Perle De Or. (D) Fine white decorative Dahlia, large and of beautiful Chrysanthemum shape. Vigorous branching grower of medium height. 35 cents each; $3.50 per dozen.

DAHLIA, GRAND DUKE ALEXIS

Psyche. (S) Pale primrose, shaded rose; profuse bloomer; a dwarf branching plant. 35 cents each; $3.50 per dozen.

Pink Dandy. (S) A pure pink sport of Dandy. A strong, vigorous grower, of branching habit. 35 cents each; $3.50 per dozen.

Red Hussar. (S) Purest cardinal-red. Strong, vigorous grower; branches freely, producing large, regularly-formed flowers, on long, stiff, but slender stems. The best red show variety. 25 cents each; $2 50 per dozen.

St. Catherine. (C) True cactus, with long spiral pointed petals. Very large, deep yellow, shaded red. 25 cents each; $2.50 per dozen.

Twentieth Century. (SN) The finest of the new orchid-flowered single class. Strong, vigorous grower, and profuse bloomer. Color intense rosy crimson, with white tips and a white disc around the yellow center. Long stems. 25 cents each; $2.50 per dozen.

Standard Varieties

15 cents each; $1.50 per dozen; by mail or express, prepaid.

A. D. Livoni (Ethel Vick). (S) Soft sea-shell pink; quilled petals; full to the center.

Arabella. (S) Early; free-flowerin, ; long stems; pale primrose, tipped and shaded rose and lavender.

Aster-Flowered. (S) Beautiful salmon-pink; very fine.

Admiration. (F. S.) Red, tipped white.

Bird of Passage. (S) White, tipped pink.

Black Prince. (D) Intense velvety maroon, almost black; large flower.

Bronze Beauty. (D) Golden yellow, overlaid with bronze; fine form.

Carol. (S) Pure white, delicately tinted soft pink. One of the finest.

Catherine. (P) Best pure light yellow; fine form; long stems.

Clifford W. Bruton. (D) Best of this class. Large canary yellow; tall, vigorous grower and free bloomer.

Earl of Pembroke. (C) Bright reddish purple; petals long, pointed.

Elfin. (P) A dainty little flower; pale primrose, changing to creamy white.

Emily. (S) Varies from rosy lavender to white, suffused lavender; long stems with immense flowers. A grand variety.

Ethel Vick (A. D. Livoni). (S) Soft sea-shell pink; quilled petals; full to the center.

Fairy Queen. (P) Light sulphur-yellow, edged deep peach.

Golden Ball. (S) Pale golden yellow; very large and full.

Harry Freeman. (D) Very large; free bloomer; pure white.

Henry Patrick. (D) Superb pure white; large size; long stems.

Hero. (S) Tall-growing, free-blooming; stems long; flowers ball-shaped, and full to the center. Deep crimson-maroon.

Honest John. (S) Brilliant purple-maroon, mottled and shaded. Dwarf.

Jarkosky. (F. S.) Crimson, yellow, and white, mottled and striped.

Maid of Kent. (D) Cherry-red, tipped white, sometimes a solid color.

May Oakleigh. (S) Deep lilac; long stems; profuse bloomer; fine.

Model of Perfection. (S) Fine rosy lavender; free-flowering.

Matchless. (C) Rich, glistening maroon, overlaid dark maroon.

Miss Barry. (D) Deep rosy lake; full center; petals twisted

Miss May Lomas. (S) Large-flowered free bloomer; delicate pure white, suffused with soft lavender. Especially fine for florists' use.

Mrs. N. Halls. (S) Large, deep crimson-purple; full high center; fine.

Nymphæa (the Pink Water-Lily Dahlia.) (D) Strong, robust grower; large, full flowers; light shrimp-pink, tinted lighter toward center.

Penelope. (F. S.) White, flaked lavender; fine bloomer.

Pearl. (S) Pure white; large flower.

Queen of Yellows. (S) Beautiful clear yellow.

Queen Victoria. (S) Deep yellow; finely quilled; perfect form.

Ruby Queen. (S) Ruby-red, richly shaded; fine large flowers; long stems.

Ruth. (S) Pure white, sometimes tinged blush.

Snow Clad. (P) White; free-flowering; the finest white pompon.

Sport. (S) Pure lavender; very fine; sport from Penelope.

Storm King (Blizzard.) (S) Finest pure white

Startler. (F. S.) Dark purple-maroon, tipped white.

Teddy. (P) White, tipped pink.

Uncertainty. (F. S.) Varies from white, striped and carmine, to solid crimson-maroon on same plant.

White Dove. (S) Pure white; large flower; long stems; very fine.

White Swan. (S) Pure white, full flower, borne in great profusion on long stems. Especially fine for cutting. Flowers large and very uniform.

William Agnew. (C) Finest intense glistening scarlet-crimson; immense size; perfect form; free bloomer; fine for bedding or cutting.

William Pierce. (D) Fine, rich butter-yellow; one of the best.

Zulu. "The Black Dahlia." (D) Jet-black, changing to black-maroon; fine.

Vick's Special Dahlia Offer

Avail Yourself of Dahlias at Wholesale Prices

Why We Do It — Each year we grow a hundred thousand of our choicest varieties of Dahlias to enable us to make you this liberal offer.

Vick's Selection of Named Dahlias.

12 of our regular $1.50 per dozen Dahlias for $1.00; 6 for 60 cents; 3 for 35 cents, postpaid.

You allow us to select them; that is all. And only to prevent a run on one or two varieties in advance of others, do we reserve the privilege. Keeps our stock of scarcer varieties uniform, you see; but it only reverts to your particular benefit.

So for $1.00 we send you postpaid twelve (12) named sorts, six (6) for 60 cents; three (3) for 35 cents. You get the same $1.50 per dozen quality, too, but at one-third off, and will enjoy all the glory of these grand autumn flowers in a quality that only VICK knows how to produce. Depend upon us.

Vick's Named Mixture. Made up entirely from Named Varieties. Contains nearly 100 varieties—all classes and colors, selected from our list of named varieties, but grown in mixture.

Each 10 cents; six for 40 cents; dozen, 75 cents. Charges prepaid.

Vick's Surprise Dahlias. These are year-old tubers grown from seed, and produce a gorgeous display of bloom in an unending variety of form and color. All classes are represented; single, semi-double, and double; cactus and decorative; show and fancy; in colors from pure reds, whites, and yellows, through all shades and tints to deepest purples and maroons; some delicately penciled; others broadly striped, flaked, and mottled; while in many instances two flowers of an entirely different color will be found growing on the same plant.

Prices, three for 20 cents; six for 35 cents; twelve for 60 cents; twenty-three for $1.00; charges prepaid.

Vick's "Country Life" Collection

1 Eleganta	Soft pink, (Pompon)	$0.25
1 Hero.	Deep crimson-maroon, (Show)	15
1 Iridescent.	Orange red and blue, (Decorative)	25
1 Mrs. Dexter.	Rich salmon, (Show)	35
1 Psyche.	Primrose, shaded rose, (Show)	35
1 Perle d'Or.	Large white, (Decorative)	35

Above collection of six superior varieties for $1.25; —1.75
by mail or express prepaid.

Vick's Dollar Collection

1 Arachne.	Crimson and white, (Cactus)	$0 25
1 Grand Duke Alexis.	White and light lavender, (Show)	25
1 Ethel Vick.	Soft sea-shell pink, (Show)	15
1 J. H. Roach.	Pure yellow, (Cactus)	20
1 Lyndhurst.	Dazzling scarlet, (Decorative)	25
1 White Swan.	Pure white, (Show)	15

Above collection of six fine sorts for $100; —1.25.
by mail or express prepaid.

Vick Quality

SMALL FRUITS

Vick Quality

DO you grow them? If not why? There is nothing else that you can grow in a kitchen garden that will give as much satisfaction. The care required for berry plants is no more than for the same number of hills of corn; and the results, measured by the value of the product and the pleasure of having a supply of delicious fruit always at your command, far exceed the value of the plants and the labor incurred. We offer a very complete list, at prices within the reach of all—no canvassers' fancy prices. Further, we offer collections at yet lower rates.

At the single and dozen prices we prepay mail or express charges. Hundred or thousand lots by express or freight, charges not prepaid. Not less than 50 at the 100 rate.

VICK'S "UNCLE JOE" STRAWBERRY

STRAWBERRIES

For field culture, plant in rows four feet apart, with the plants one foot apart in the row. For garden culture, plant three feet by one foot. Should the ground not be prepared for planting on receipt of plants, they should be carefully heeled in, in a cool, moist, shady place. Do not sprinkle the foliage, as it causes a moisture to collect, which is very injurious to the crowns, causing them to rot. In setting the plants be careful to have the crowns even with or a little above the surface of the ground, and to have the trench or hole in which the plants are to be set deep enough to allow the roots their full length. Some varieties of Strawberries have pistillate or imperfect flowers. These must have perfect-flowered varieties planted every fifteen or twenty feet among them, or they will produce imperfect fruit. The pistillate varieties are marked (*P*).

Dozen, 25 cts.; 100, $1.50; 1000, $5.00, except as noted.

Armstrong. The largest and most productive berry grown. Sells on the market at an advance over ordinary sorts. Season from medium to late. Dozen, 35 cents; 100, $1.50; 1000, $9.00.

Gandy. One of the best late Strawberries. Large, uniform size, rich crimson. Is a vigorous grower and good cropper. Late to very late.

Glen Mary (*P.*) Another variety of vigorous growth, large size, good quality; color dark scarlet; flesh light red.

Echo. Superior to other varieties in both flavor and sweetness. Fruit brilliant red, of medium size, second early. Very productive.

Nick Ohmer. Exceedingly large, beautiful color; conical in form, uniform and regular; quality unsurpassed. Very productive; strong grower.

Palmer. A new extra early berry. Fruit large; rich, dark, glossy red; of the highest quality. Plant strong and robust; produces two to four well-filled fruit stalks to each plant. Dozen, 60 cents; 100, $2.50; 1000, $15.00.

Sample. (*P.*) A fine berry of very large size; crimson color clean through to the core. Long in bearing, solid and good. It is quite late to ripen.

Seaford (*P*). Color deep, glossy red, and quality fit for a king. A vigorous grower, ripening its crop fast and early.

OTHER STANDARD VARIETIES.

Bubach (*P*).	Crescent	Jessie	McKinley
Brandywine	Hunn	Lovett's	Wilson

Vick's "Uncle Joe" Strawberry

Vick's "Uncle Joe" is an entirely new and distinct seedling, and the confidence gained by fifty-five years of experience in superior strawberry culture warrants our saying that it combines all the "Vick Quality" necessary to make it the ideal which has so long been sought. Its fruit is perfect in form, of a dark, rich glossy color, of firm flesh, monstrous in size, combined with the most luscious flavor, a quality not usually found in fruit of its size. We know that the "Uncle Joe" Strawberry embodies every requirement to place it in the first rank of quality with strawberry growers. While noted as the

Largest Fruiting Sort on Record

Its berries are most uniform in size and shape, and are rarely malformed. Among other attractive features, its early and continuous yield during the season is attributable to its strong, healthy and robust growth. It is of the perfect flowering class

In Productiveness
Vick's "Uncle Joe" is Unsurpassed

While its rich dark green foliage sets the large berry off to perfection. For every purpose, either home or market, it stands today without a peer in the world's numerous strawberry family.

You will find this peerless strawberry a veritable treasure in its adaptability to yield even under most unfavorable conditions, for unkindly environments are not enough to stunt its development.

These are strong claims, but our long experience in the growth of strawberries justifies us in saying that

Vick's "Uncle Joe" Strawberry Leads Them All

Price, each, 15 cents; dozen, 75 cents; twenty-five, $1.00; hundred, $3.50. Fifty at hundred rates.

(For colored illustration see back cover page.)

RASPBERRIES

There are two general types of Raspberries, and they require different treatment. Blackcaps, and others that increase from the ends of the canes, should be planted three and a half by seven feet. Prepare the land the same as for Strawberries. Cultivate often enough to keep the soil loose and free from weeds. When the canes attain the height of one foot, pinch off the ends; this causes the canes to branch, grow stocky and self-supporting. In the spring of the bearing year cut these back to within six inches of the main stalk. After fruiting, cut out all the dead wood. Red Raspberries and all others that sucker, should be set five by three and a half feet apart, when they must be cultivated both ways. Allow only three or four canes in each hill to grow; treat all others that spring up as weeds. When three or four feet high, pinch back the canes same as with Blackcaps. The secret of raising fine crops of Raspberries is in rigorous pruning and keeping the suckers down. If not checked, the tendency is to matt the surface with canes, when very little fruit is secured. For garden culture set red varieties three feet apart each way, Caps four by three feet.

RASPBERRIES, RED

Columbian. Popular for the home garden. Grows from eight to twelve feet high, and covered with fine, large, crimson berries. Perfectly hardy; has endured 28° below zero without freezing. Best for canning, and evaporating, retaining color, form, and flavor remarkably. **Each, 10 cents; dozen, 60 cents; hundred, $2.00; thousand, $12.00.**

Cuthbert. A valuable late variety; large, firm, and of superior quality; very productive. **Dozen, 50 cents; hundred, $1.50; thousand, $9.00.**

Loudon. Hardier, better, and far more productive than Cuthbert. Berries firm; bright red; splendid shipper. **Dozen, 70 cents; hundred, $3.00.**

Miller's Red. One of the best early varieties. Perfectly hardy. As large as Cuthbert. Bright red. Flavor fruity and rich. **Dozen, 60 cents; hundred, $2.00.**

RASPBERRIES, BLACK

Price, except as noted, dozen, 60 cts.; hundred, $1.75; thousand, $12.00.

Cumberland. Remarkable on account of its wonderful size and good qualities. Very hardy, having withstood a temperature of 16° below zero. Very productive, making large crops of enormous berries about one inch in diameter. Fruit unusually firm, and may be shipped long distances. Mid-season variety, coming in shortly ahead of the Gregg. **Each, 15 cents; dozen, 80 cents; hundred, $3.00.**

Gregg. Very large, fine quality, productive, late, hardy.

The Kansas. Early. Stands drouth well, and is uninjured by frost; fruit is larger than that of the Gregg. Jet black, firm texture.

RASPBERRIES, YELLOW

Golden Queen. Light amber. **Dozen, 70 cents; hundred, $3.00.**

CURRANTS

Each, 15 cents; dozen, $1.00; hundred, $6.00.

Choose a moist rich soil for Currants. Plant five feet apart each way. Keep free from weeds and grass by liberal cultivation and mulching. Use plenty of manure, and trim out superfluous wood by cutting back the new growth two-thirds each year. Keep the foliage quite free from worms by the timely and liberal use of powdered white hellebore.

Cherry. Large and productive. Standard for market.

Black Champion. An English variety. Extra good for jams, etc.

Fay's Prolific. One of the best; very productive; large; good flavor; early.

Red Cross. A new variety. Plants strong, vigorous, remarkably productive. Clusters large, often measuring four inches in length; berries large.

White Grape. Valuable for the table; quality excellent, mild, and sweet.

Perfection. Color, bright red; size, as large as the Fay's or larger, the clusters averaging larger, the size of berry being well maintained to end of cluster. Rich, mild sub-acid, plenty of pulp, with few seeds. Less acid and of better quality than any other large currant in cultivation. The Perfection is a great bearer, superior to Fay or any other large sort. In order to protect all customers from imposition, the originator is sending out the Perfection under seal. See that each plant bears it. **Strong 2-year plants, each, 50 cents; $5.00 per dozen.**

GOOSEBERRIES

Gooseberries thrive best if planted where they will receive a partial shade. Plant the same distance as Currants. Gross feeders, liking a deep rich soil.

Downing's. A native seedling; vigorous, hardy, and prolific; free from mildew. Fruit greenish white, large. **Each, 15 cents; dozen, $1.00.**

Golden Prolific. Fruit large, deep golden yellow. Perfectly hardy, very prolific, a good grower. **Each, 40 cents; dozen, $3.50.**

Industry. A valuable new foreign variety. Fruit dark red, very large, and of a rich, agreeable flavor. An immense yielder. **Each, 30 cts.; doz., $2.00.**

BLACKBERRIES

Price, except as noted, dozen, 75 cts.; hundred, $2.00; thousand, $14.00.

For field culture, plant in rows six feet apart and plants three feet apart in the row. For garden culture, five by four feet.

Erie. Fruit large, roundish, uniform in size; excellent quality; handsome. A valuable variety for home use or market.

Eldorado. Very vigorous and hardy; fruit large, of finest quality, and without a hard core. **Dozen, 75 cents; hundred, $3.00.**

Rathbun. Since we introduced this wonderfully prolific and monster berry, it has acquired an enviable reputation. It is the largest Blackberry in cultivation. In quality it surpasses the luscious Dewberry, being without the hard core common to Blackberries. It brings more in the market. The plant is hardy, vigorous, and a great bearer. Fruit large throughout the season. As a shipper it is unsurpassed. **Each, 10 cts.; doz., 80 cts.; hundred, $3.00.**

Snyder. An exceptionally hardy variety. Berries medium size, produced abundantly; sweet, juicy, and, when fully ripe, without a hard core.

GRAPES

Rows should be eight feet apart, and vines from six to eight feet apart in the row. Dig a hole two feet long, one foot wide, and one foot deep. Put a little surface soil in the bottom, and mix in some bone dust or commercial manures, and then place in another thin layer of surface soil. Trim the ends of roots, and spread out in hole, covering with surface soil. Cut the vine back to two buds, and draw in the earth so as to cover roots and stem up to top bud. Train the vine to a stake for the first two years, and afterwards train on trellis. Old wood never bears the second time; the vines of this year bear fruit the next. Nine-tenths of the wood should be cut away each season to get the largest and best grapes. *Vines are all strong two-year plants, true to name.*

Each, 25 cents; dozen, $1.50; hundred, $6.00, except as noted.

Campbell's Early. Strong, vigorous, hardy vine; thick, healthy, mildew-resisting foliage; always setting its fruit well and bearing abundantly. Berries large; black, with light purple bloom. Flavor rich, sweet, slightly vinous. Very early. **Each, 35 cents; dozen, $2.50.**

Catawba. Large, compact; berries deep red, sweet and juicy.

Concord. Black. Most popular and reliable variety cultivated.

McKinley Early. New. A cross between Niagara and Moore's Early; has all the good qualities of the Niagara, but *fully ten days earlier.* The best early white variety ever offered. **Strong 2-year-old plants, each, $1.00.**

Diamond. Bunches large, compact, shouldered. Berries large, white, melting, juicy, sweet to center. Skin thin. Strong grower and abundant bearer. **Each, 25 cents; dozen, $2.00; hundred, $6.50.**

Niagara. Strong grower. Bunch and berries large; color light green. Very productive. **Each, 20 cents; dozen, $1.50; hundred, $6.50.**

Worden. The best black; most productive and satisfactory of all varieties.

OTHER STANDARD VARIETIES

Brighton. Lady. Pocklington. Delaware. Moore's Early. Wyoming. Agawam (Roger's No. 15). Wilder (Roger's No. 4).

Collections of Small Fruits

Postage or Express Prepaid.

COLLECTION No. 1, STRAWBERRIES

Five varieties, early, medium, and late, which in our judgment are best adapted for general garden culture.

12 Armstrong	$0 35	12 Glen Mary	$0 25	12 Seaford	$0 25
12 Gandy	25	12 Sample	25		

Five Varieties--60 Plants--for $1.00

COLLECTION No. 2, RASPBERRIES

RED—6 Miller's Red	$0 30	BLACK—6 Cumberland	$0 40
6 Columbian	30	6 Kansas	25

4 Varieties--24 Plants--for $1.00

COLLECTION No. 4
CURRANTS AND GOOSEBERRIES

6 Red Cross (red)	$0 50	2 White Grape	$0 20
2 Black Champion	20	2 Gooseberries, Downing	30

4 Varieties--12 Plants--for $1.00

COLLECTION No. 5, GRAPE VINES

Agawam (red)	$0 25	1 Catawba (red)	$0 25
1 Campbell's Early (black)	35	1 Worden (black)	25
1 Diamond (white)	25	1 Niagara (white)	25

Six Varieties--for $1.00

GRAND COLLECTION OF SMALL FRUITS

No. 1, Strawberries	$1 00
" 2, Raspberries	1 00
" 4, Currants and Gooseberries	1 00
" 5, Grapes	1 00
	$4 00

THE ENTIRE LOT FOR $3.50

Vick Quality

FARM SEEDS

Vick Quality

At Pound or Quart, we Prepay Postage. Pecks or Bushels by Express or Freight at Expense of Purchaser.
Special Prices on Large Quantities.

ARTICHOKE

Helianthus tuberosus (*Jerusalem Artichoke*). Artichokes are planted same as potatoes. Four bushels will produce 1200 bushels of roots. It is very hardy, and will stand freezing and thawing, and hogs will grow faster and become more healthy on this than on any other feed. **Quart, 30 cents; peck, 60 cents; bushel, $1.50.**

AUSTRALIAN SALT BUSH

Atriplex semibaccata. Recommended highly for alkali soils and regions subject to perennial drought. Very nutritious, and good for all kinds of live stock. One pound of seed for an acre. The ground should be well plowed and harrowed. **Ounce, 15 cents; lb., $1.50.**

BEANS

Soja Bean (*Glycine hispida*, or *Soja hispida*). Valuable as a forage crop and for fertilizing the soil. Thrives well in hot and dry weather. Sow broadcast one-half bushel to the acre, or plant in drills three feet apart and one foot between plants. **Pound, 25 cents; bushel, $3.50.**

Velvet Bean (*Mucuna utilis*). Used by farmers in the Southern States as a forage plant, and also as a fertilizing plant for turning under. Its nitrogen-gathering properties are said to surpass those of the Cow Pea. Stock readily eat the vines and leaves, and the beans when ground, with or without the pod, are used in place of oats or corn, and sometimes mixed with them. Two or three seeds planted four feet apart in rows five feet apart will literally cover the ground two or three feet thick with a mass of foliage and vines, no matter how poor the soil. **Pound, 25 cents; peck, $1.00; bushel, $3.50.**

BROOM CORN

Improved Evergreen. This variety is now grown more extensively than any other, on account of its straight, long, light green brush. It is very productive. Sow six pounds to an acre. **Pound, 25 cents; 100 lbs., $7.00.**

COW PEAS

This pea has always been valuable for improvement of the soil. It is considered superior to clover for plowing under as a preparation for wheat, as it matures the first year from seeding. Plant seed in a thoroughly pulverized warm soil. If wanted to plow under for manure, sow in drills one foot apart. If grown for fodder, or for the seed, plant three feet apart and cultivate thoroughly.

Black Eye. Peck, 75 cents; bush., $2.50.
Clay. Peck, 75 cents; bushel, $2.50.
Wonderful. Peck, 65 cents; bush., $2.00.
Whippoorwill. Peck, 70 cents; bush., $2.25.
Mixed. Peck, 65 cents; bush., $1.75.

FLAX

Flax Seed for sowing. One and a half bushels per acre. **Pound, 25 cents; bushel of 56 lbs., $3.00.**

FLAT PEA

Lathyrus sylvestris. A perennial forage plant. It grows well on very poor, unimproved, sandy soil; withstands severe frosts, and is not injured by severe drought. Valuable for plowing under in a green state. It is recommended to sow seed in a small garden bed and transplant to the field when the plants are of suitable size. **Ounce, 10 cents; lb., $1.00.**

RAPE

Dwarf Essex, English. The best Sheep Fodder. While Rape is more especially grown for feeding sheep, still cattle, pigs, and milch cows do very well upon it. Sheep should have access to a grass pasture, on which they will feed alternately with the Rape, thus keeping them in the best condition. A constant supply of salt in the Rape field is quite beneficial. For sheep pasture, sow in May, and it will be ready for pasturing in July and August. Or sown in June, or even up to the latter part of July, it will furnish a large amount of pasture or fodder. In drills, sow five pounds to the acre; broadcast, ten pounds to the acre. **Pound, 25 cents; 100 lbs., $7.00.**

SPURRY

Spergula arvensis. Annual. Grows well on poor, dry, sandy soils. It is in best condition for pasture in four to six weeks after sowing, and may be sown every month from March to August. Excellent pasture for cattle and sheep; also as a fertilizer for light sandy soil. Sow fifteen pounds to the acre. **Pound, 25 cents; 100 lbs., $7.00.**

SERADELLA

Ornithopus sativus. A valuable forage plant. Succeeds in dry, sandy soil, and furnishes good pasture for sheep. Can be sown with winter rye. About 50 pounds to an acre. **Pound, 25 cents; 100 pounds, $7.00.**

SUNFLOWER

Mammoth Russian. Highly valued by farmers and poultry breeders who have tried it as an excellent and cheap food for fowls. Sow seed as soon as the ground is warm, in hills four feet apart each way. Three pounds of seed will plant one acre. Yields from fifty to seventy bushels per acre. **¼ pound, 10 cents; ½ lb., 15 cents; lb., 25 cents; 100 lbs., $6.00.**

White Beauty. A Sunflower with snow-white seeds. This strikingly distinct new sort is not only the most beautiful, but the most vigorous, out-yielding the old sorts almost two to one, 3,000 pounds per acre being no unusual yield. **Ounce, 5 cents; ¼ lb., 15 cents; lb., 35 cents.**

SORGHUM

When wanted in larger quantities than quoted, ask for special prices.

Early Amber. This variety is coming into general use for summer fodder for cattle in place of sowed corn, yielding two crops in a season. It is claimed to keep up the flow of milk, and cows like it better than any other feed. It is also easily cured, and makes excellent dry fodder. Three to four pounds are sufficient for an acre, in drills thirty inches apart, sowing the seed thick and shallow in the row. **Pound, 25 cts.; 100 pounds, $6.00.**

Kaffir Corn. This will do well wherever Amber Cane will grow. It is used as a green fodder, and is eagerly eaten by cattle, hogs, etc. It is a great fattener. The average height of stalk is six feet. Fifty to sixty bushels of seed to the acre have been harvested. **Pound, 25 cents; 100 lbs., $6.00.**

Millo Maize. The merit of this non-saccharine Sorghum is that when cut for feeding it starts again from the remaining stumps with renewed strength and vigor; thrives in the hottest and driest localities. It is relished by cattle, hogs, etc., etc. **Pound, 25 cents; 100 lbs., $7.00.**

Jerusalem Corn. Belongs to non-saccharine Sorghums. It is considered a good sure grain for dry sections and seasons. It produces several small heads on side shoots, often as many as eight heads on a stalk. Three pounds will plant an acre. The grain being very small, it makes most excellent chicken food. **Pound, 25 cents; 100 lbs., $8.00.**

Johnson Grass (*Sorghum Halapense*). Popular in the Southern States, where it is considered one of the most valuable forage plants. One bushel per acre. Bushel, 25 pounds. **Pound, 25 cents; 100 lbs., $9.00.**

TEOSINTE

Reana luxurians. Appearance somewhat resembles corn, but the leaves are much longer and broader, and can be cut several times during the season, grows twelve to fifteen feet. One seed will sometimes produce twenty to sixty stalks or shoots. The warmer the climate the better it yields. Requires about two pounds of seed per acre. Plant in hills four feet apart. **Ounce, 10 cents; lb., $1.00.**

WILD RICE

Zizania aquatica. Valuable as a forage plant for swamps and wet land. Stock are fond of it when green and also when cured for fodder. It is also much sought after by water fowl. **Pound, 35 cents; 100 lbs., $18.00.**

HEDGE PLANTS

HONEY LOCUST

Gleditschia triacanthos. Is regarded as one of the most valuable native trees, on account of its rapid growth and longevity of the timber. It does not have troublesome sprouts at the roots, like the common Locust, and is not so liable to injury from the borer worm. After the second season's growth they become perfectly hardy. The seeds are very slow to germinate, and for this reason should be treated with hot water. Take up small plants and heel in; cover the plants in the fall and set out the next spring. About 175 seeds to the ounce. **Ounce, 10 cents; lb., 60 cents.**

OSAGE ORANGE

Maclura aurantiaca. Used extensively as a hedge plant, for which purpose its rapid growth, together with its strong spines, render it quite suitable. It is easily kept dwarf by cutting back. Young plants are grown from seed, which, if sown in good soil, will make good strong plants for the hedge-rows in two years. This species is hardy and makes fine hedges for lawns, cemeteries, etc. Sow last of May. About 600 seeds to the ounce. **Ounce, 10 cents; lb., 60 cents.**

A NEW OAT

SWEDISH OR WASHINGTON

The Ideal Oat For The American Farm

This new variety combines all the best and necessary points of its class. It is practically immune from rust, is the earliest and most bountiful cropper of the heavy growing sorts. Being a very deep rooter it resists drought more easily than others. The grains are absolutely white, thick and plump and very thinly hulled, making them most valuable as a feeding Oat. Although succeeding best on clay soils it has yielded generous amounts under all conditions. The straw is long and stout, and consequently stands up well, and does not lodge or twist. It has already proven its superiority, and is undoubtedly the heaviest cropping white Oat ever offered, having yielded over 100 bushels to the acre and ordinary crops going sixty bushels and over. Sow three bushels per acre.

Pound, 25 cents; three lbs., 60 cents; peck, 65 cents; bushel, $1.25.

Vick's Improved American Banner. When we introduced the American Banner Oat in 1886 we knew it was a good thing, and it still retains its place with the leaders, in fact its fame is higher and more secure than ever before. An average of eighty pounds have been raised from one pound of seed, and 100 bushels from an acre. The grain is white, large, and plump, ripens early; straw stiff and of good length. **Postpaid, pound, 20 cents; three lbs., 50 cents. Peck, 35 cents; bushel, $1.00.** For large quantities, special prices.

New King Oat. The King is a new white oat, having a strong straw, from five to six feet in height, and does not lodge. The grain is plump and heavy, having large meat and thin husk. Owing to its hardiness and vigor, it yields enormously, on both heavy and light soils, with only ordinary cultivation. Thoroughly tested on our farm, with all leading varieties, it has proven itself a superior variety, both in quality and quantity. **Pound, 20 cents; three lbs., 50 cents; peck, 35 cents; bushel, $1.00; in lots of over 10 bushels, special price on application.**

BARLEY

Hulless. Hulless, like wheat, when threshed. Ripens early and yields about ten bushels more per acre than other barley. **Pound, 20 cents; peck, 60 cents; bushel, $1.75.**

Early Russian Six-Rowed. For malting it has no equal; and the yield, as compared with other varieties, is enormous. **Peck, 40 cents; bu., $1.25.**

Champion Beardless. Early and prolific. **Peck, 50 cents; bushel, $1.50.**

Manshurey. The most productive six-rowed variety. Ripens early, with strong, stiff straw. **Peck, 50 cents; bushel, $1.50.**

BUCKWHEAT

Japanese. The yield of this variety is largely in excess of the old sorts. The straw is heavier and more branching, kernels twice the size of the old kinds, and ripening a week earlier. **Pound, 20 cents; peck, 50 cents; bushel, $1.50.**

Silver Hull. The best for flouring purposes. Kernels smaller than Japanese, silvery gray in color. **Pound, 20 cents; peck, 40 cents; bushel, $1.25.**

FIELD CORN See page 17.

RYE

Spring Rye. This variety has been developed simply by planting Winter Rye in the spring and selecting the seed so produced for several years. The standard variety for spring planting. **Peck, 40 cents; bushel, $1.25.**

White Winter. Much prized for its straw, also for plowing under as a green manure. The ordinary fall sown variety, of which we offer choice selected stocks only. **Peck, 40 cents; bushel, $1.25.**

WHEAT

SPRING—Pound, 20 cents; peck, 60 cents; bushel; $2.00.

WINTER—Peck, 50 cents; bushel, $1.50.

CLOVER

Special Quotations for Large Quantities.

For many years we have made Grasses and Clover a careful study. Our stocks are free from weeds and of the highest germinating quality, and we offer them with the assurance that, if favored with your orders, they will be filled promptly and with stock that cannot be excelled.

"King Brand" of Clover and Timothy

This brand appears upon our highest grades of both Timothy and Clover, and indicates that the seed is absolutely pure, fresh, and of the highest vitality.

These brands are used upon grades which are perfectly pure, but not as handsome appearing.

The Timothy especially is a greater part of it hulled, owing to the fact that it is fully ripened, and the hull separates from the seed in the cleaning process, but this does not in any way injure the vitality, as matured seed will always grow.

	Per lb., postpaid.	Per 100 lbs., charges not prepaid.
King Timothy	.15	*Prices on*
A-1 Timothy	.14	*Application*

	Per lb., postpaid.	Per 100 lbs., charges not prepaid.
King Red Clover	.26	*Prices on*
A-1 Red Clover	.25	*Application.*

Samples furnished free upon application. **Special quotations on large quantities.**

Scarlet, or Crimson (*Trifolium incarnatum*). Most valuable crop for green manuring, soiling, hay, pasture, and ensilage. It is an annual and must be sown every year. Improves worn out and poor soils, and is the **cheapest** and best **fertilizer.** Should be sown in August and September. Sow 10 to 15 pounds per acre. Bushel, 60 pounds. **Pound, 25 cents; bushel, market price.**

Alsike, or Swedish (*Trifolium hybridum*). Thrives in rich, moist soil. Does not succeed on high, dry lands. Six pounds per acre. **Pound, 30 cents; bushel, market price.**

White (*Trifolium repens*). Valuable to mix with lawn grass; should be in every mixture for permanent pasture. **Ounce, 10 cents; lb., 40 cents; 100 lbs., market price.**

Sweet, or Bokhara (*Melilotus alba*). Makes excellent food for bees. **Ounce, 10 cents; lb., 40 cents.**

Alfalfa, or Lucerne (*Medicago sativa*). Where this succeeds it is the most valuable of all the clovers, requires a very fine, mellow, deep soil. **Ounce, 10 cents; lb., 30 cents; bushel, market price.**

At the pound price, we prepay postage; at price per bushel, we ship by express or freight, not prepaid.

GRASS SEED

In some cases we are unable to quote by the bushel or 100 pounds, owing to the changes in market price from day to day; but we will be pleased to make special prices on application.

Creeping Bent, or Fiorin (*Agrostis stolonifera*). Desirable for mixing with other lawn or pasture grasses, as it thrives in moist land, on which water does not stagnate. 2 to 2½ bushels per acre. Bushel, 20 pounds. **Pound, 45 cents; 100 lbs., $30.00.**

Red Top, fancy (*Agrostis vulgaris*). Valuable in a mixture for either lawns, pastures, or meadows, growing in almost any soil, moist or dry. For lawns forty-five pounds; for pasture twenty-five to thirty pounds per acre. Fancy cleaned. **Pound, 35 cents; 100 lbs., $16.00.**

Red Top. **Pound, 25 cents; peck, 50 cents; bushel, (14 lbs.) $1.50; 100 lbs., $10.00.**

Bermuda Grass. Invaluable for crop in the South. It will stand a greater degree of heat than any other known grass. **Pound, 75 cents.**

Sweet Vernal Grass, True Perennial (*Anthoxanthum odoratum*). The chief merit of this grass lies in its fragrant odor. As a mixture for lawns and pasture lands it is invaluable. Per lb. $1.35 cents; ounce . 15
Annual Sweet Vernal, per lb. 30

Tall Meadow Oat Grass (*Avena elatior*). Valuable for pasture. The most promising for replacing prairie grass at the west. Four bushels to the acre. Bushel, 13 pounds. **Pound, 35 cents; 100 lbs, $18.00.**

Hungarian Brome (*Bromus inermis*). A perennial grass especially suited to dry lands and regions subject to severe droughts. It does well in all parts of the country, North and South. It grows most rapidly in sandy soils, but will establish itself on the heaviest lands. 25 pounds of seed per acre. Bushel, 14 pounds. **Pound, 30 cents; 100 lbs., $15.00.**

Orchard Grass (*Dactylis glomerata*). One of the very best pasture grasses, exceedingly palatable to stock, will endure a good deal of cropping. One and one-half to two bushels per acre. Bushel, 14 pounds. **Pound, 35 cents; 100 lbs., $18.00.**

Meadow Fescue (*Festuca pratensis*). Excellent pasture grass. Sow in a mixture with other grasses, as Orchard Grass, Rye Grass, or Kentucky Blue Grass. 40 lbs. per acre. Bushel, 22 pounds. **Pound, 40 cents; 100 lbs., $22.00.**

Perennial Rye Grass (*Lolium perenne*). Valuable for permanent pasture, in mixture with other pasture grasses. One and one-half to two bushels per acre. Bushel, 24 Pounds. **Pound, 25 cents; 100 lbs., $9.00.**

Italian Rye Grass (*Lolium Italicum*). Used in Europe for soiling. Gives early, quick, and successive growth, till late in fall. 2 bushels to the acre. Bushel, about 18 pounds. **Pound, 25 cents; 100 lbs., $10.00.**

Hungarian Grass (*Panicum Germanicum*). Valuable soiling plant. May be sown as late as first of July, and produce a large green crop. 1½ bushels to the acre. Bushel, 48 pounds. **Pound, 20 cents; bushel, market price.**

Japanese Barnyard Millet (*Panicum Crus-Galli*). Enormously productive, yielding from four to six tons of cured forage per acre, on rich soils. Six to eight feet in height. Sow in May, broadcast, ten to twelve pounds per acre; or in drills, eight pounds per acre. **Pound, 25 cents; 100 pounds, $9.00.**

German, or Golden Millet. Medium early forage plant, prolific in stalk and grain; 25 pounds to an acre. Bushel, 50 pounds. **Pound, 20 cents; bushel, market price.**

East Indian or Pearl Millet (*Penicillaria spicata*). Grows from eight to ten feet high. When cultivated for fodder, sow in drills three feet apart, and thin out to one foot apart in the rows. Three to five pounds per acre. **Pound 25 cents; 100 pounds, $10.00.**

Siberian Millet. A new and wonderfully productive forage plant from Russia; extremely hardy: about four feet in height. The hay and fodder are very nutritious and much liked by all kinds of stock. Sow in April, May, or June, one peck to the acre. **Pound, 25 cents; 100 pounds, $7.50.**

Timothy (*Phleum pratense*). A field and not a pasture grass, as it will not endure close and frequent cropping; but for a hay crop on strong soils it will produce more than any other sorts. One-fourth to one-half bushel per acre. Bushel, 45 pounds. See page 85.

Kentucky Blue Grass (*Poa pratensis*). In conjunction with White Clover it forms the finest and closest turf. As a pasture grass it furnishes the most nourishing food for cattle of any, until winter; thrives on a variety of soils, but does best in dry and somewhat shady localities. Sixty pounds for lawn and twenty pounds per acre for pasture. Extra fancy, re-cleaned. **Pound, 35 cents; 100 lbs., $16.00.**

Rough-Stalked Meadow Grass (*Poa trivialis*). One of the most valuable grasses to cultivate in moist, rich, sheltered soils. 20 pounds to the acre. Bushel, 14 pounds. **Pound, 60 cents; 100 lbs., $40.00.**

SPECIAL GRASS MIXTURES

There is no more important part of a farm than a good pasture, and that can only be obtained by the use of the proper grasses, varieties that have different root formations and different habits and seasons of growth, in order to maintain a rich, close turf throughout the entire season. Timothy should never be used for pasture, because it will not stand trampling, and soon runs out when heavily pastured and at best is short-lived, as compared with the permanent grasses used in our Special Mixtures. These Mixtures contain over a dozen of the best permanent grasses, both American-grown and imported. All are permanent, and when once established will last indefinitely, if the fertility of the soil is kept up by occasional top-dressing.

Standard Hay Mixture. For general hay lands; containing six varieties of grasses and clover. **Pound, 18 cents; 100 lbs., $13.00.**

Standard Pasture Mixture. For ordinary pastures, where the land is neither very wet nor very dry. **Pound, 20 cents; 100 lbs., $15.00.**

Dry Pasture Mixture. For very high and dry pastures; containing grasses that withstand exposure and severe weather. **Pound, 23 cents; 100 lbs., $18.00.**

Wet Pasture Mixture. Made up of grasses especially adapted to damp places. **Pound, 25 cents; hundred lbs., $20.00.**

All the above mixtures are made up to sow 35 pounds to the acre. **At the prices given we do not prepay carrying charges.** *If you wish charges prepaid, postage must be added at the rate of 8 cents per pound. Not less than 50 pounds at 100 pound rate. No charge for bags or packages.*

See page 38 of this Catalogue for the very finest Grass Mixtures for Lawns and Pleasure Grounds

FERTILIZERS

Vick's Pulverized Sheep Manure. This is a pure, natural, odorless fertilizer and the most nutritious food for all vegetable growth. The best for lawn, garden and greenhouse use. Its effect is immediate, lasting, and it can be applied without risk. Strewn over and dug into the soil it promotes a rapid, steady growth until maturity of the plants. For either flower or vegetable it makes the richest, safest and quickest liquid invigorator. On lawns its effect is readily apparent and can be applied in spring or fall to achieve the best results. 6 lbs., 25 cts.; 25 lbs., 60 cents; 50 lbs., $1.00; 100 lbs., $1.75; charges not prepaid.

Walker's Floral Fertilizer. A chemically correct flower food for house plants. Has no odor, and can be used dry or dissolved in water for sprinkling. Small size (feeds 25 plants six months), 25 cents; large size (feeds 25 plants for one year), 50 cents; postage paid.

Nitrate of Soda (Chili Saltpetre). The best and cheapest form of Nitrogen for plants. Highly concentrated and immediately available. Nothing like it to make plants grow. 95 per cent. pure. Price subject to market changes. 5 lbs., 30 cents; 10 lbs., 50 cents; 25 lbs., $1.00; 100 lbs., $3.25; charges not prepaid.

Muriate of Potash. The strongest form of potash salts. 5 lbs., 30 cents; 10 lbs., 50 cents; 25 lbs., $1.00; 100 lbs., $3.00.

Fruit and Root Crop Special. Two per cent. ammonia, 8 per cent. available phosphoric acid, 5 per cent. potash. Per sack of 167 lbs., $2.35; charges not prepaid.

Pure Raw Bone Meal. Three per cent. ammonia, 24 per cent. phosphoric acid, 52 pr. ct. potash. Per sack of 100 lbs., $3.00; charges not prepaid.

INSECTICIDES

(Note—Liquids and poisonous powders cannot be sent by mail). Directions for using printed on each package.

Bug Death. For potato bugs and blight; contains no arsenic; does not wash off. In comparative tests made on our farms last season Bug Death headed the list, not only as an insecticide, but kept the plants in a healthier condition and actually *increased the yield* over all others, while the potatoes when dug were healthier, contained more starch, and kept better than others. Can be applied dry or as a spray. 1-lb. package, 15 cents; 3-lb. package, 35 cents; 5-lb. package, 50 cents; 12½-lb. package, $1.00; 100-lb. keg, $7.00; Charges not prepaid.

Dickey's Duster. For applying not only Bug Death but any other insecticide in powdered form, 25 cents each; charges not prepaid.

Bordeaux Mixture. (Liquid). For fungous diseases. Directions for using on can. Pint, 25 cts.; quart, 35 cts.; gal., $1.00; charges not prepaid.

Copper Sulphate (Blue Vitrol). For use in mixing Bordeaux Mixture, etc. Per lb., 10 cents; 100 lbs., $8.00; charges not prepaid.

Dalmatian Insect Powder. The true "Persian" insect powder. ¼ lb., 20 cents; ½ lb., 35 cents; lb., 55 cents; postage paid.

Insecticides—Continued

Fir Tree Oil. For all kinds of sucking insects, whether on root, stem or foliage, such as Green and Black Fly, Mealy Bug, Scale, Aphis, etc. Valuable also for animal parasites and insects. ½ pint, 40 cents; pint, 75 cents; qt., $1.25; gal., $4.00; charges not prepaid.

Hellebore. Pure and fresh; used largely for currant worms, etc. Pound, 25 cents; charges not prepaid.

Kerosene Emulsion. 65 per cent oil. For scale insects, aphis, etc. Quart, 20 cents; gal., 50 cents; bbl., 45 cents per gal.; charges not prepaid.

Nicoticide. (Liquid). Can be used either for fumigating or spraying. The strongest extract of tobacco on the market. ¼ lb., 70 cts.; ½ lb., $1.25; 1 lb., $2.50; 8 lbs. (1 gallon), $15.00; charges not prepaid.

Nicofume. A tobacco-paper insecticide for fumigating only. Prices, small sizes (24 sheets), 75 cents; medium size (144 sheets), $3.50; large size (288 sheets), $6.50; charges not prepaid.

Slug Shot. Non-poisonous powder for Potato Bugs, Cabbage Lice and Worms, Currant Worms, etc. 5 lb. package, 25 cents; charges not prepaid. Special price on large quantities.

Sulpho-Tobacco Soap. Used as a wash for roses, trees, and house plants. Very desirable for insects on animals. 3-oz. cake, 13 cents; 8-oz. cake, 28 cents; postage paid.

Tobacco Dust (The Black Stuff). Per lb., 20 cents; postage paid. Special price on large quantities.

Tuxedo. (Liquid). A combination of Bordeaux Mixture and Paris Green; especially fine for potatoes, reaching bugs and blight at the same time. Quart, 30 cents; gal., $1.00; bbl., 75 cents per gal.; charges not prepaid.

Vick's Excelsior Insect Exterminator. Will destroy Striped Bugs, Cabbage Lice, Green Cabbage Worms, Potato Bugs, Aphis, Squash Bugs, Cockroaches, etc. Harmless to plants or vegetables. Sure death to all plant insects, particularly the Green Cabbage Worm. This powder can be applied most thoroughly, economically, and quickly, by the means of the bellows we have constructed for that purpose. 40 cents per pound, by mail. In lots of five pounds or over, 25 cents per pound by express at expense of the purchaser. Eight-inch Bellows, $1.25. Twelve-inch Bellows, $1.50. The Bellows can be sent only by express at expense of purchaser. For use in conservatories and for house plants we offer a small zinc Bellows, in two sizes. No. 1, with one ounce of Exterminator, 20 cents, postage paid. No. 2, with four ounces of Exterminator, 40 cents, postage paid.

Whale Oil Soap. Used as a wash for roses, trees, and plants affected with insects; 1-lb. box, 30 cts., postage paid. Special price on large quantities.

Miscellaneous Supplies

Bellows. For applying dry insecticides. Hand-made throughout form seasoned wood and best quality sheepskin. Eight-inch, $1.25; 12 in., $1.50. Charges not prepaid.

Dibbles. Used in transplanting, steel point. 30 cents each; 40 cents postpaid.

Garden Lines. Extra heavy cotton, braided, 100 feet long. 60 cents each; 75 cents, postage paid.

Grass Hooks or Sickles. Three grades, each, 30 cents, 40 cents, 50 cents; charges not prepaid.

Grass Shears. Best quality steel. 60 cents, postage paid.

Grafting Wax. ¼ lb., 15 cents; ½ lb., 25 cents; lb., 35 cents, postpaid.

Garden Trowels. Solid steel, best grade only, 8-inch, 35 cents, postage paid.

Labels. Wooden; painted. Charges not prepaid.

3½ inch, pot, per 1000	$0.65	6 inch, pot, per 1000	$1.35
4 inch, pot, per 1000	.90	8 inch, pot, per 1000	4.00
4½ inch, pot, per 1000	1.00	3½ inch, tree, notched, per 1000	.90
5 inch, pot, per 1000	1.25	3½ inch, tree, pierced, per 1000	.95

Mastica. For glazing work. A putty-like preparation. Sets quickly. Can be used in cold weather, and does not run or crack. Use in putty-bulb or machine. Gallon pails, each, $1.25; machines, each, $1.25; charges not prepaid.

Mole Traps (The Out O'Sight). It is not complicated, or easy to get out of order, easily set without danger to yourself, can be used in hotbeds, or without disturbing runway. Full explanation of habits of moles furnished with each trap. Price, $1 25, by mail postage paid. By express $1 00, express charges not prepaid.

Plant Tubs. Fibrotta ware, practically indestructible, impervious to moisture, light, easy to handle. 12½-inch, each $1.25; 13½-inch, each $1.50; charges not prepaid

Special Parlor Tubs. Enamelled in rose-leaf green. 12-inch, $1 00 each; with saucer, $1 25; charges not prepaid.

Potting Soil. Especially prepared and sifted, per bu 60 cents; bbl., $1.50; charges not prepaid.

Plant Stands. Rolling, for heavy plants. Fibrotta ware with ball bearing casters. 16-inch, $1.25; 18-inch, $1.35; 20-inch $1.50; charges not prepaid.

Putty Bulbs. For applying liquid putty, mastica, etc. Each, $1.10, postpaid.

Pruning Shears. Charges not prepaid.

No. 1537—8-inch	$0 65	6-inch, Nickle Plated	$0 90
No. 1537—8½-inch	75	10-inch, Wiss, genuine	2 00
No. 1538—8½-inch	90		

Raffia. For tying, per lb., 20 cents; 5 lbs., 90 cents; 10 lbs., $1.50; charges not prepaid.

Syringes. Brass. Charges not prepaid.

No. A—12-inch barrel, 1-spray rose and jet.	$2 25
No. 12—14-inch barrel, 2-spray rose and jet.	3 50
No. 11—16-inch barrel, 2-spray rose and jet.	5 00
No. 5—18-inch barrel, 2-spray rose and jet.	5 00

Sprinklers. Tyrian. Rubber, made with a perforated detachable top; valuable for window gardening, bouquet sprinkling, dampening clothes, etc.; postpaid.

6-ounce size, straight neck	$0 75
6-ounce size, bent neck	35
8-ounce size, straight neck	1 00
8-ounce size, bent neck	1 10

Weeders. Claw, 20 cents; Christy, 20 cents; Hazeltine, 30 cents; Lang 30 cents; postage paid.

Self-Registering Thermometer

The illustration gives a clear idea of this useful Thermometer. The ordinary thermometer tells you the temperature at the time you look at it; this one not only gives that information, but also the highest and lowest points it has reached since you set it last. The small floats above the mercury in the picture show that the lowest temperature reached since it was set was 66°, as shown by left-hand column, and the highest 81°, as shown by right-hand column, and the temperature as shown at the present time 77°. To set it, place a horseshoe magnet, which we send with it, over the float and move it down to the column of mercury. These thermometers are made for us in Germany; have magnifying tubes, are mounted on boxwood, and enclosed in a neat japanned case. Price, $2.50 each, postpaid.

"Victory" Lawn Mower

Ball Bearings. Easy to Operate
The Best Mower Ever Built

The adjustments of the "Victory" Lawn Mowers are the simplest, most perfect, and most positive. They cut within 1¾ inches of an obstruction (others 3½ inches). Our cutter bars will stay on the ground and cut their full swath clean (other short-coupled mowers kick up behind in heavy grass). Our mowers are well speeded, and bite small and frequent, leaving a beautiful velvety lawn. Ball bearings of the highest grade, exact to ¼ of 1.0000 of an inch, which reduce the friction astonishingly—even more in a mower than in a bicycle—and render it possible to use much wider machines than heretofore, with parallel bearings. A 24-inch mower can now be operated as easily as the old parallel-bearing mower only 16 inches.

Ten-inch Wheel. Four-Bladed Reels. Ball Bearings.

14-in.	16-in.	18-in.	20-in.	22-in.	24-in.
$9.00	$10.00	$11.00	$12.00	$13.00	$14.00

Freight charges prepaid east of the Mississippi River.

Champion Dry Powder Duster

Distributes all kinds of dry insecticides or fungicides. Adjustable to any width of row, holds over a quart of powder, weighs about six pounds. Each machine is packed in a case complete with four tubes, six nozzles, two drops, and oil can. Weight, packed for shipping, 13 pounds. Price, $7.50; charges not prepaid.

PRUNING KNIVES

KNIVES PRUNING & BUDDING

Budding.	No. 718 — 1 blade, open, cocoa handle	$0.20
	No. 852 — 1 blade, folding, cocoa handle	.60
	No. 910 — 1 blade, folding, ivory handle	1.00
	No. 850 — 2 blade, folding, ivory handle	1.00
	No. 419 — 2 blade, folding, ivory handle, superior steel	1.25
	No. 690 — 2 blade, folding, buffalo handle, ivory tip	.80
	No. 919 — 1 blade, folding, ivory handle	1.00
	No. 917 — 1 blade, folding, ivory handle, sheep's-foot blade	1.00
Pruning.	No. 1002 — 1 blade, open, wood handle	.35
	No. 117 — 1 blade, folding, cocoa handle, round end	.70
	No. 510 — 1 blade, folding, cocoa handle, steel-capped	1.00
	No. 801 — 1 blade, folding, cocoa bandle, 4-inch blade	.50
	No. 923 — 1 blade, folding, stag handle, 4-inch blade	.80
	No. 928 — 1 blade, folding, stag handle, 4¾-in. blade	1.25

BASKETRY

Raffia is the native name of a palm growing in Madagascar, and which furnishes the raffia fiber of commerce. This fiber is the inner skin peeled from the under side of the palm leaf. When first stripped it is of a pale green color, but after being dried in the sun it becomes a light straw color. For export it is collected in large skeins, twisted or braided, and then packed in compressed bales of about 220 pounds. At first it was sold in the natural color only, being used principally for tying of vegetables, and in greenhouse and vineyard work. With its adoption for basketry it began to be dyed in various colors, and our present list embraces the following different colors:

No. 3—Indian Red	No. 14—Sage Green	No. 8—Pink
No. 12—Light Orange	No. 17—Emerald Green	No. 10—Brown
No. 5—Yellow	No. 6—Dark Navy	No. 9—Black
No. 16—Bright Yellow	No. 7—Red	No. 13—Bright Green

Prices on Basket Materials

☞ Add postage as follows: Ounce 2 cents; ¼ lb. 5 cents; pound 16 cents.

	OUNCE	¼ LB.	POUND
Raffia—Colored	$0 05	$0 20	$0 75
Raffia—Natural	03	08	25
Sweet Grass	15	40	1 50
Reeds—No. 1	08	30	1 00
No. 2	07	25	75
No. 3	06	20	65
No. 4	06	20	65
No. 5	04	15	50
No. 6	04	15	50

Samples of Raffia and Reeds on application.

Books on Basketry

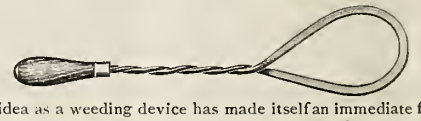
Basket-Making. By T. Vernette Morse. 32 pages, illustrated with 106 working designs. A condensed work valuable to the beginner. Postpaid 25 cents.

How to Make Baskets. By Mary White. 200 pages, cloth bound, finely illustrated with working designs and half-tone plates. The best work on the subject we have seen. Postpaid, $1.00.

The Auto-Spray. Perfect in mechanism, material, workmanship. Will do all that any spray pump will do, and much more. Every machine warranted perfect and satisfactory or purchase price refunded. Eight to ten strokes of the plunger compresses enough air to spray ¼ acre of potatoes. A boy can do a man's work. No wasted material. Sprays fine as mist. Made in all brass, or with galvanized steel reservoir. Capacity, 4 gallons. Weight, empty, 7 pounds. Weight loaded, 39 pounds. Shipping weight, twelve pounds. Express charges to common points through one company, 35 cents. Utility considered, the brass machine is the cheaper, and we strongly commend it. Extension pipes are strong, and sustain themselves in use; they cost extra. The "Auto-Pop" is an automatic valve which is closed by the air pressure used to operate the "Auto-Spray." In operation a lever is moved by simply closing the hand, thus opening the valve and allowing an instantaneous discharge of spray. By releasing the lever it closes itself automatically, hence the spray is in perfect control. The "Anti-Choke" Nozzle (shown in illustration with "Auto-Pop") is made from solid brass rod, and consists of nozzle proper and two caps of different capacity. It offers every graduation of spray from a solid stream to a fog. It is made to fit other sprayers, where so ordered. By the operation of the "Auto Pop" a degorger is passed through the nozzle-opening each time the "Auto-Pop" is closed. Hence it can never clog and is the only nozzle which can't clog, notwithstanding the claims of competitors.

No. 1—Auto-Spray, brass tank, with stop-cock	$6 00
No. 1—Auto-Spray, brass tank, with Auto-Pop (recommended)	7 00
No. 1—Auto-Spray, galvanized tank, with stop-cock	4 50
No. 1—Auto-Spray, galvanized tank, with Auto-Pop	5 50
Auto-Pop, supplied separately	1 25
Copper Strainer	1 25
Extension Pipe, brass, two-ft. lengths	30
Extension Pipes, galvanized, brass connections, two-ft. lengths	25
Elbow Extension, brass	30
Torch	75

Brown's Easy Weeder



This new idea as a weeding device has made itself an immediate favorite with growers everywhere. With it, a boy can do more and better work than two men with any other tool ever put on the market. Does not cut or destroy the roots of plants. Takes out all the weeds; its oval shape permitting the operator to weed behind the plants while standing in front. It works the surface to a fine mulch. It makes the hard places easy to reach. For working in ashes or commercial fertilizers, it has no equal. **30 cents each.**

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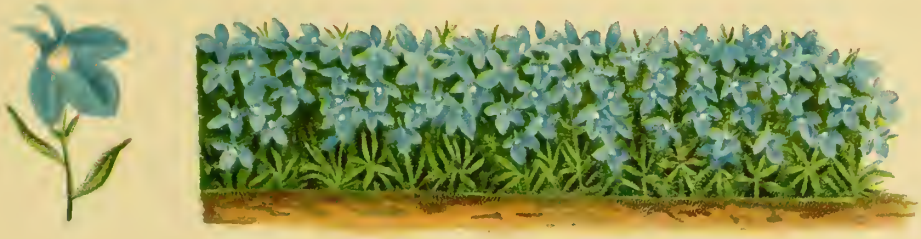

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